

The technical marine pneumatic experts

Teryair Marine Products Brochure

a comprehensive guide to teryair's IMPA Products

Who are we ?



Teryair: A leading manufacturer of pneumatic machinery for the marine industry.

Teryair was founded in 2002 by a team of innovative engineers with a passion for designing and manufacturing high-quality products for the marine industry. Teryair's products are used on a wide variety of vessels, including oil tankers, container ships, passenger ships, bulk carriers, naval vessels, and offshore vessels.

Teryair's products are manufactured in a modern factory in Mumbai, India. The factory is equipped with state-of-the-art machinery and is staffed by experienced engineers and technicians. Teryair's products are certified to the highest international standards, and the company has a long standing reputation for quality and reliability.

Teryair's customers include some of the world's leading vessel owners and management companies. The company's products are also sold through a network of authorized distributors around the world.

Teryair is committed to providing its customers with the best possible products and services. The company offers a wide range of products, including air-operated double diaphragm pumps, air motors, ventilation fans, and surface preparation equipment. Teryair also offers a variety of services, including customization, repair, and maintenance.

Why Choose Teryair ?

Here are some of the reasons why you should choose Teryair :



1

Durability and reliability: Our products are designed to withstand the harsh conditions of the a marine environment. They are made from high-quality materials and are built to last.

2

Easy to maintain: Our products are easy to maintain and come with detailed instructions. We offer a comprehensive range of spare parts, so you can keep your equipment running smoothly.

3

Worldwide spares availability: We have a network of authorized distributors around the world, so you can always get the spare parts you need, when you need them.

4

Top industry certifications: Our products are certified to the highest international standards, such as ATEX, CE, ISO, and Lloyd's Register. This ensures that our products meet the highest standards of safety and quality.

5

Ever-growing product portfolio: We are constantly expanding our product portfolio to meet the needs of our customers. This means that you can always find the right product for your application.

If you are looking for High-quality pneumatic machinery for your marine vessel, Teryair is the company to trust. We are committed to providing our customers with excellent service.

Contact us today to learn more about our products and service

Certifications & Memberships



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im pa 59 Pneumatic Impact Wrenches 1/2", 3/4" & 1" Square Drives

Features

Compact ergonomic design for increased comfort. Ideal for general assembly and disassembly. Teryair impact wrenches use the rocking dog mechanism that provides powerful torque with durable components. Aluminum die cast housings and heat treated impact component are used throughout.

Applications

Rapid assembly and disassembly of fasteners in various industries, for improved productivity.

Standard equipment included

- Allen Key.
- Quick connect coupler 20 pm.



PIW19

PIW25

Technical data

| IMPA Code | Teryair Model No | Square Drive | | Nom Bolt dia mm | Free Speed rpm | Air Inlet PT | Air Hose Size mm | Net Weight kgs |
|-----------|------------------|--------------|------|-----------------|----------------|--------------|------------------|----------------|
| | | mm | inch | | | | | |
| 590101 | PIW-13 | 12.7 | 1/2 | 13 | 6,500 | 1/4 | 6.0 | 2.0 |
| 590105 | PIW-19 | 19.0 | 3/4 | 22 | 4,000 | 1/4 | 6.0 | 4.5 |
| 590106 | PIW-25 | 25.4 | 1 | 32 | 3500 | 1/2 | 12.7 | 8.0 |

Package dimensions & weight

| Teryair Model No | Weight kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| PIW-13 | 2.5 | 22 x 20 x 8 |
| PIW-19 | 5.0 | 28 x 28 x 12 |
| PIW-25 | 9.0 | 60 x 40 x 24 |

im pa 59 Pneumatic Grinders - Angle Grinders / Scalars 4" and 7", 6mm Collet Die Grinder

Lightweight aluminum die cast bodies, strong and durable. These grinders can be used with a variety of accessories. They feature hardened motor parts and silent spiral bevel gearing*.(*)on angled tools).

Features

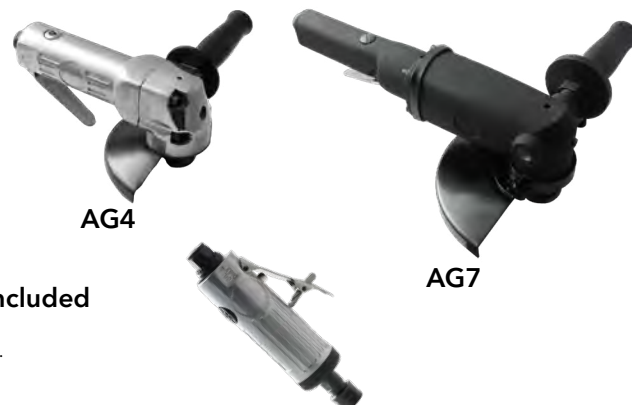
- Lightweight for easy manoeuvring.
- Variety of accessories offers multipurpose usage.

Applications

For sanding, rough grinding and removal of rust / paint from metal surfaces.

Standard equipment included

- Quick connect coupler 20 PM.
- Allen key.
- Spanner.
- Safety guard for AG4 / AG7.



AG4

AG7

LG25K

Technical data

| IMPA Code | Teryair Model No | Wheel Size O.D. x T x I.D. mm | Free Speed rpm | Air Inlet PT | Air Hose mm | Weight kgs |
|-----------|------------------|-------------------------------|----------------|--------------|-------------|------------|
| 590301 | AG4 | 100 x 6 x 15 | 13,000 | 3/8 | 9.00 | 1.3 |
| 590302 | AG7 | 180 x 6 x 22 | 7,600 | 3/8 | 13.00 | 3.2 |
| 590326 | LG25K | 6mm Collet Chuck | 25,000 | 1/4 | 9.50 | 0.6 |

Package dimensions & weight

| Teryair Model No | Weight kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| AG4 | 1.5 | 13 x 12 x 24 |
| AG7 | 3.5 | 36 x 24 x 7 |
| LG25K | 0.8 | 19 x 7.5 x 5 |

im pa 59 Pneumatic Hand Drills - 6.5mm, 8mm, 9.5mm and 13mm

Teryair pneumatic drills have a high power to weight ratio and are comfortable to handle for long working hours. Four models covering up to 13mm in steel. Drill chucks are supplied as standard equipment. Minimum vibration during drilling operations, quiet operation thanks to precision gearing.

Features

- Low vibration.
- High power to weight ratio.
- Reversible.

Standard equipment included

- Quick connect coupler 20 PM.
- Steady handle (PD13PG only).
- Drill Chucks and key.

Applications

For light and medium duty drilling.



PD6PG

PD13PG

Technical data

| IMPA Code | Teryair Model No | Drilling Capacity mm | Collect Chuck Size mm | Free Speed rpm | Air Inlet PT | Air Hose mm | Net Weight kgs |
|-----------|------------------|----------------------|-----------------------|----------------|--------------|-------------|----------------|
| 590341 | PD6PG | 6.5 | 6.5 | 2900 | 1/4 | 9.5 | 1.1 |
| 590342 | PD10PG | 9.5 | 10.0 | 1400 | 1/4 | 9.5 | 1.1 |
| 590346 | PD8PG | 8.0 | 8.0 | 1500 | 1/4 | 9.5 | 1.1 |
| 590347 | PD13PG | 13.0 | 13.0 | 700 | 3/4 | 9.5 | 1.7 |

Package dimensions & weight

| Teryair Model No | Weight kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| PD6PG | 1.5 | 22 x 20 x 8 |
| PD10PG | 1.5 | 22 x 20 x 8 |
| PD8PG | 1.5 | 22 x 20 x 8 |
| PD13PG | 2.0 | 22 x 20 x 8 |

im pa 59 Pneumatic Chipping Hammers - 10mm Round Chuck

These pneumatic chipping hammers are the perfect tool for any light duty chipping work such as the removal of unwanted material like concrete, tiles, rust, dirt from the base material surface. A variety of chisels are available for different applications Chisels as shown are part of standard equipment.

Features

- Hard hitting and high frequency of blows
- AccePts universally available 10mm shank accessories

Applications

For removal of paint, rust, calking/ weld flux, for billet chipping and general chipping

Standard equipment included

- Moil point tool.
- Chisel point tool 3 nos.
- Quick connect coupler 20 PM.



CH26R

CH23R

Technical data

| IMPA Code | Teryair Model No | Type of Shank | Blows per minute | Piston Dia mm | Air Inlet PT | Air Hose mm | Weight kgs |
|-----------|------------------|---------------|------------------|---------------|--------------|-------------|------------|
| 590361 | CH26R | Round | 2600 | 19.0 | 3/8 | 9.5 | 1.5 |
| 590362 | CH23H | Round | 2300 | 18.0 | 1/4 | 9.5 | 2.0 |

Package dimensions & weight

| Teryair Model No | Weight kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| CH26R | 1.7 | 22 x 20 x 8 |
| CH23H | 2.1 | 22 x 20 x 8 |

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Pneumatic Tungsten Tipped Scabblers -
Single and Triple Piston Heads

These handheld tools are the best when it comes to the removal of scaly rust or heavy coatings. They are hard hitting and have replaceable tungsten tipped pistons. They find application in the Oil and Gas, Marine and Construction industries.



Features

- Lever type throttle, control and ease of use.
- Simple piston mechanism, easy to maintain.
- Light weight, less operator fatigue and easy to manoeuvre.
- Suitable for use on small hard-to-reach areas as well as for maintenance work on larger areas.

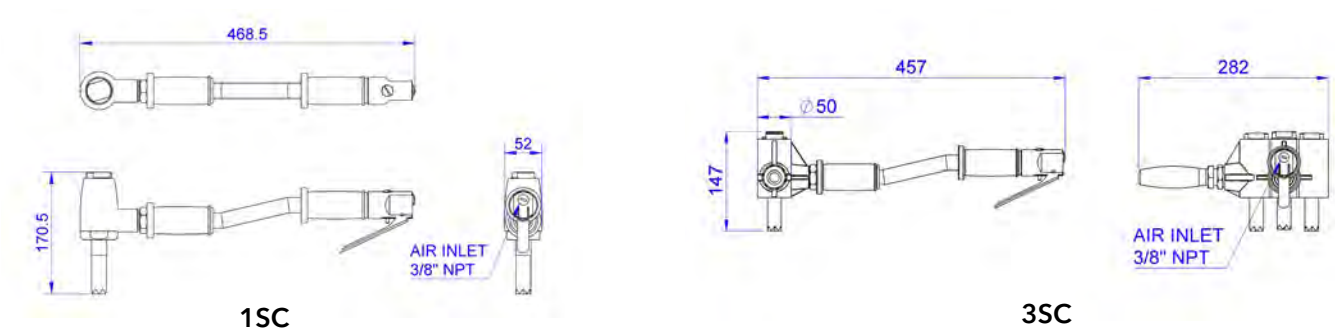
Technical data

| IMPA Code | 590381A | 590383 |
|-------------------|---------|--------|
| Teryair Model No | 1SC | 3SC |
| Number of Pistons | 1 | 3 |
| Piston Dia mm | 22.0 | 22.0 |
| Air Inlet PT | 3/8 | 3/8 |
| Air Hose Size | 9.5 | 12.7 |
| Net Weight kgs | 2.7 | 5.6 |

Optional equipment

1212121 piston with copper beryllium tips .

Dimension drawing



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Pneumatic Hard Steel Tipped Scabblers -
Single Piston Head.

Practical and economical, the teryair X2 has been the workhorse of the industry. It's easy to maintain and lightweight to use. The twist throttle mechanism is comfortable and fatigue free for operators.

Features

- Twist type throttle, control and ease of use
- Hardened alloy steel Pistons, economical
- Simple piston mechanism, easy to maintain
- Light weight, less operator fatigue and easy to manoeuvre.

Applications

- Removal of heavy and stubborn layers of rust
- Removal of hard chemical coatings.

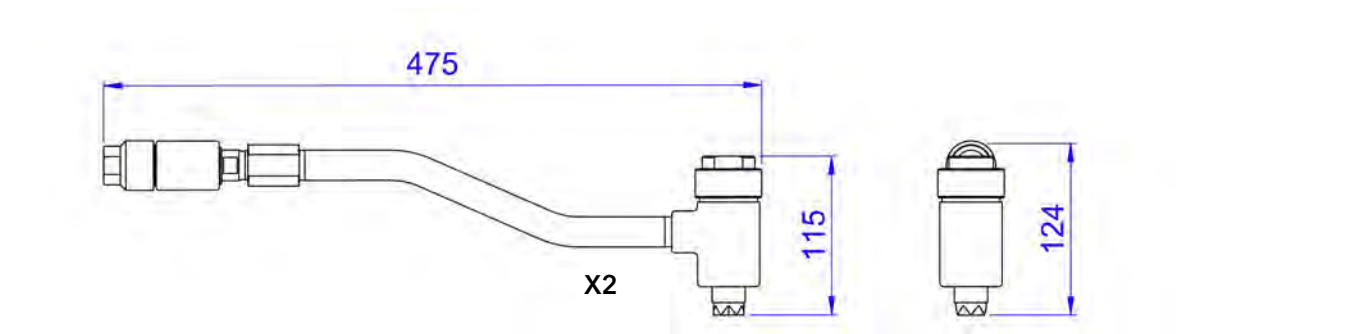
Technical data

| IMPA Code | 590382 |
|-------------------|--------|
| Teryair Model No | X2 |
| Number of Pistons | 1 |
| Piston Dia mm | 30 |
| Air Inlet PT | 9.5 |
| Net Weight kgs | 2.6 |

Package dimensions and weights

| Teryair Model No | Weight kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| X2 | 3.5 | 52 x 14 x 6 |

Dimension drawing



im pa 59 Pneumatic "Walk Behind" Deck Scabblers - Light, Medium and Heavy Duty Variants

When it comes to large surface area descaling nothing, does the job like a Teryair Deck Scabbler. Three models to choose from depending on the severity of the job. All three models feature easy to use ergonomics for long work hours and easy and quick replacement of wearing parts.

Eleven individually firing pistons make it easy for the descaling action to follow the surface contours. Ideal for pre blast preparation. FPLD-11 and FPHD-11 feature tungsten tipped pistons for heavy duty applications, PDS-11 has hardened steel pistons for regular duty applications

Features

- Eleven independently hitting pistons cover irregular surfaces.
- Quick change consumables.
- Ergonomically designed for minimum operator fatigue.

Applications

- Marine, removal of old rust, paint, or coatings from decks, platforms, floors and surfaces.
- Construction industry, preparation of concrete surfaces to Create effective bonds.

Technical data

| IMPA code | 590401 | 590405 | - |
|----------------------------|-----------------------------|---------|---------|
| Teryair Model No | PDS-11 | FPLD-11 | FPHD-11 |
| Scaling System | Reciprocating Piston System | | |
| Number of Piston Heads pcs | 11 | | |
| Piston Diameter mm | 22 | 27 | 29 |
| Blows per min | 4000 | 3000 | 2200 |
| Scaling Width mm | 300 | 252 | 250 |
| Weight kgs | 45.0 | 36.0 | 70.0 |



PDS 11

FPLD 11

FPHD 11

Accessories & spares

| |
|-------------------------------|
| 1289700 Repair kit for PDS11 |
| 1269700 Repair kit for FPLD11 |
| 1309700 Repair kit for FPHD11 |

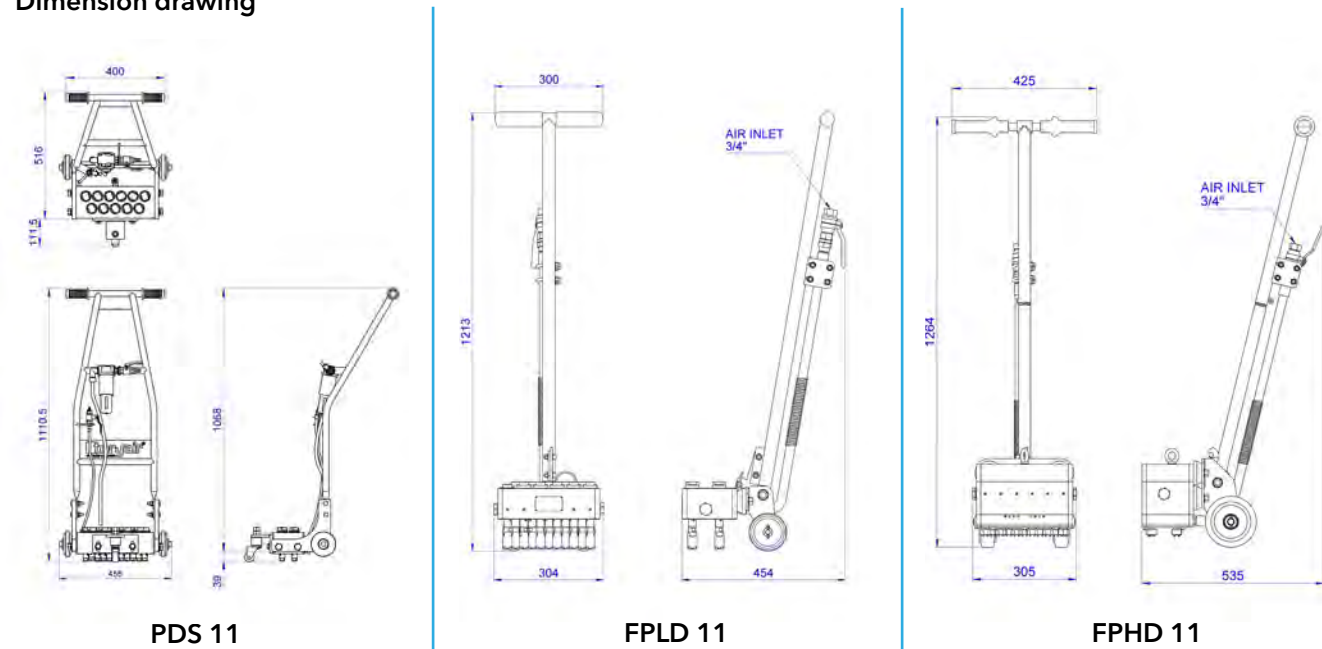
Optional equipment

| | |
|---------|-------------------------|
| PDS-11 | 1282102 Piston - 11 pcs |
| FPLD-11 | 1262104 Piston - 11 pcs |
| FPHD-11 | 1302135 Piston - 11 pcs |

Package dimensions and weights

| Teryair Model No | Weight kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| PDS-11 | 50.0 | 99 x 47 x 32 |
| FPLD-11 | 45.0 | 125 x 61 x 66 |
| FPHD-11 | 80.0 | 125 x 61 x 66 |

Dimension drawing



PDS 11

FPLD 11

FPHD 11

im pa 59 Rotary Deck Scalers - Pneumatic and Electric Variants

Good for large area deck descaling, these machines have easy to change rotary drums. Depending on the thickness of the coating layer or corrosion layer one can select a suitable drum type. The cut height is further adjustable by a handwheel during operation. The machines are designed such that the drums can be quickly interchanged on the job with minimum time and tools. Various pneumatic and electric motor options are available.

Features

- Easy to change drums.
- Drum options, cutter drum for heavy chipping action, leaf drum for light chipping action and wire brush drum for final finishing action.
- Drum to ground engagement height is easily adjustable dynamically with a handwheel.
- Electric or pneumatic versions available.

Applications

- Marine, removal of old rust, paint, or coatings from decks, platforms, floors and surfaces.
- Construction industry, preparation of concrete surfaces to create effective bonds with subsequent layering. Edge removal and smoothing.



PRDS 84

ERDS 84

Technical data

| IMPA code | 590406 | 590409 | 590409A | 590409B | 590409C |
|-------------------------|--|--------------|--------------|--------------|-------------|
| Teryair Model No | PRDS-84 | ERDS84-220V3 | ERDS84-440V | ERDS84-110V | ERDS84-220V |
| Scaling System | Rotary scaling system | | | | |
| Number of Scaling Heads | 63 pcs of striking blades or 60 pcs of cutter gear | | | | |
| Motor | 6VMLALEXR | AC 220V 3 Ph | AC 440V 3 Ph | AC 110V 1 Ph | AC 220V 1Ph |
| rpm | 3000 | 3470 | | | |
| Scaling Width mm | 280 | 280 | | | |
| Weight kgs | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |

Package dimensions and weights

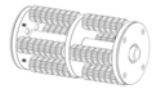

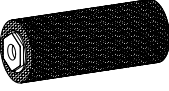
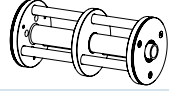
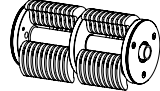



| Teryair Model No | Weight kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| PRDS84 | 80.0 | 125 x 61 x 66 |
| ERDS84 Series | 80.0 | 125 x 61 x 66 |

Standard equipment included assembled

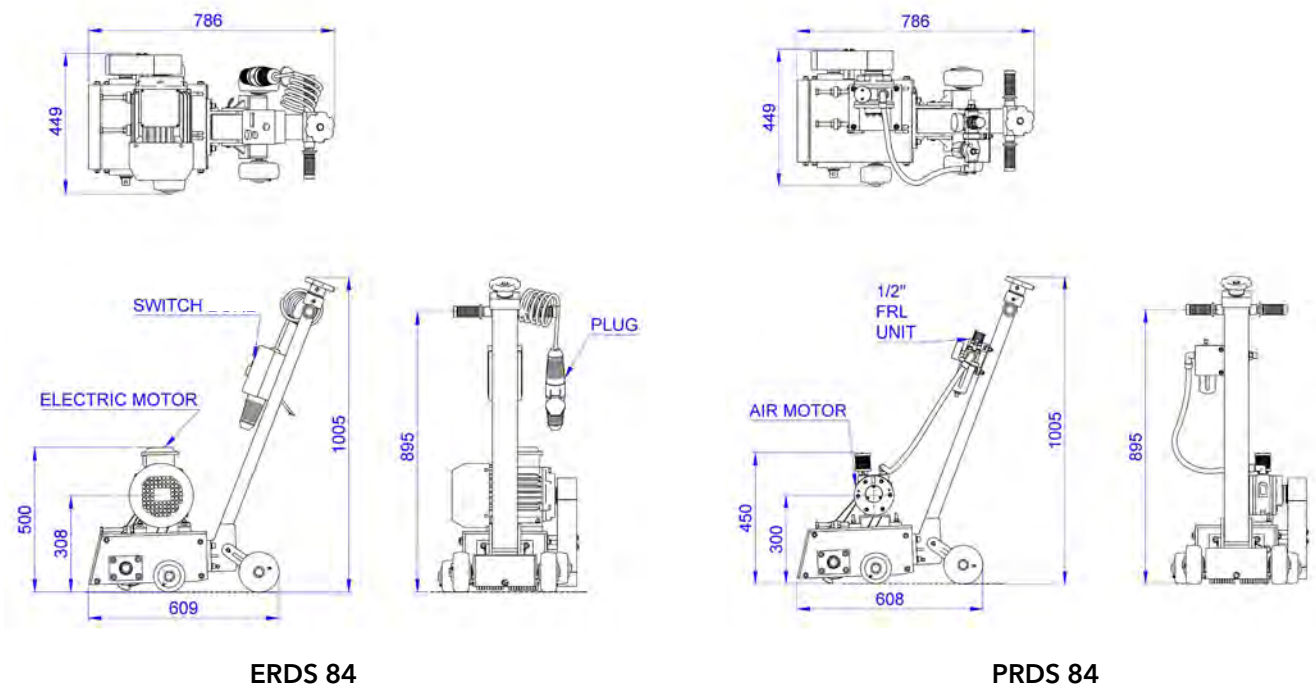
6539701 - Cutter blade assembly.

im pa 59 Rotary Deck Scalars -
Pneumatic and Electric Variants

Accessories & spares

| | | | |
|---|--------------------------------|---|--------------------------------------|
|  | 6539702 - Cutter gear assembly |  | 340.347 - Leafs |
|  | 59.04.18 - Wire wheel brush |  | 6539711 - Bare drum with lock plates |
|  | 6539701 Cutter blade assembly |  | Washer |
|  | 59.12.56 - Cutter |  | Pin |

Dimension drawing



im pa 59 Pneumatic Lightweight Needle Scalars and Spares -
Sizes 16, 20, 24 and 28

These models are all designed to be lightweight with the focus on operator comfort. The popular 4 sizes are found onboard on almost every sea going vessel. Ideal for routine tasks or descaling in hard to reach areas. Needles are easily replaceable. 2mm, 3mm and 4mm needles and fast wearing parts and complete assemblies are readily available globally in any port and are

competitively priced keeping a check on your maintenance costs. Yellow H suffixed models are economy priced models. Needle supporters, Pistons, needles and other spares are interchangeable with generic models



Features

- High degree of parts interchangeability between models
- Quick change needles
- Lightweight housings
- Independent needle motion ensures descaling coverage over irregular surfaces like bolt heads, corners and other hard to access areas.

Applications

- Marine, off-shore and petrochemical hold cleaning, general deck and surface cleaning. Removal of heavy rust on tankers and dry dock applications. Tank descaling. Descaling of structures prior to painting
- Paint removal, and other industrial coating removal from floors and other surfaces.
- Construction - removal of concrete residue from rebar, cleaning of cement from plant and vehicles. Weld cleaning.

Technical data

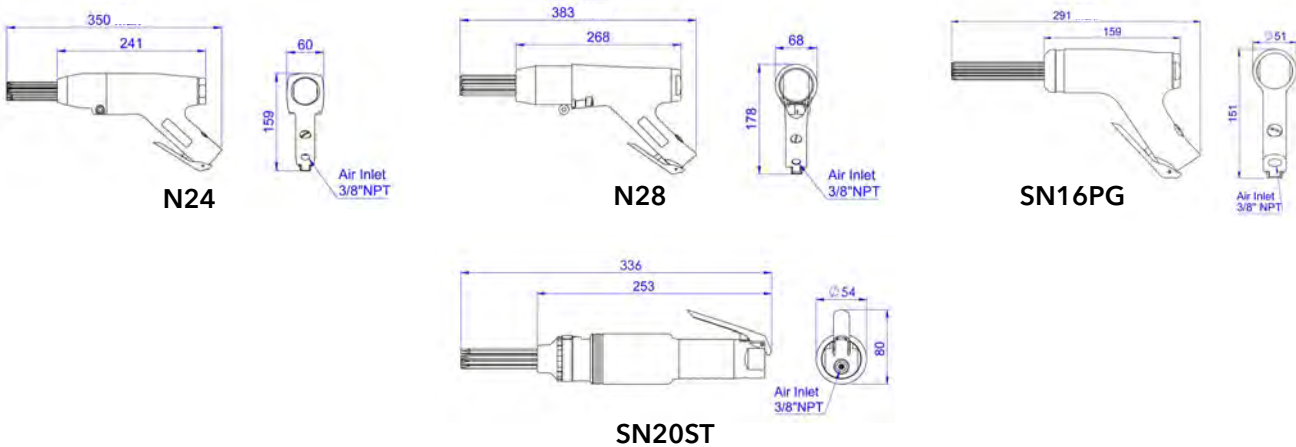
| IMPA Code | Teryair Model No | O.A. Length mm | Needles mm | Air Inlet | Air Consumption m³/min | Weight kgs |
|-----------|------------------|----------------|---|-------------|------------------------|------------|
| 590461 | SN16PG | 159 | 2 mm x 29 pcs | M16 x 1.5P | 0.15 | 1.4 |
| 590462 | SN20ST | 245 | 2 mm x 29 pcs 3 mm x 12 pcs | M16 x 1.5P | 0.20 | 2.4 |
| 590463 | N24 / HN24 | 237 | 2 mm x 53 pcs 3 mm x 23 pcs | M 16 x 1.5P | 0.27 | 2.7 |
| 590464 | N28 / HN28 | 264 | 2 mm x 66 pcs 3 mm x 28 pcs 4 mm x 14 pcs | M16 x 1.5P | 0.35 | 3.5 |

Additional data

| Teryair Model No | Maximum Operating Pressure | Blows Per minute |
|------------------|----------------------------|------------------|
| SN16PG | 6kg/cm² (90 psi) | 4000 |
| SN20ST | | 4000 |
| N24 / HN24 | | 4000 |
| N28 / HN28 | | 4500 |

Note: N24 and N28 are aluminum polished finished, HN24 and HH28 are painted finishes. Technical performance of polished and yellow painted finish are the same.

Dimension drawing



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Pneumatic Lightweight Needle Scalers and Spares -
Sizes 16, 20, 24 and 28











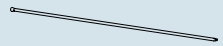


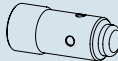




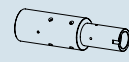





Standard equipment included

| | |
|----------|---------------------|
| N24/HN24 | 0224052 Hose Nipple |
| N28/HN28 | |
| SN16PG | |
| SN20ST | |

Accessories and spares

Note: for needle replacement information, please go to page 13

For N24 Needle scaler

| Teryair Model No | Image | Part description | Qty/ tool | | | | |
|------------------|---|----------------------|-----------|----------|--|-------------------------|---|
| 0224001 |  | Needle guide | 1 | 0224005 |  | Front washer | 1 |
| 0224017 |  | Stop ring | 1 | 0224003 |  | O ring Housing | 1 |
| 0229063 |  | Hex nut | 1 | 0224007 |  | Housing | 1 |
| 0229061 |  | Clamp bolt | 1 | 0229029A |  | Throttle valve assembly | 1 |
| 0229004OL |  | Needle 3mm x 180mm | 23 | 0229027 |  | Valve packing | 1 |
| 0229008 |  | Needle 2mm x 180mm | 53 | 0229025 |  | Valve cap | 1 |
| 0224045 |  | Needle Supporter 3mm | 1 | 0224009 |  | Piston | 1 |
| 0224047 |  | Needle Supporter 2mm | 1 | 0224011 |  | Rear washer | 1 |
| 0224019 |  | Throttle anvil | 1 | 0224013 |  | Rear plug | 1 |
| 0224002 |  | Cylinder | 1 | 0229031 |  | Throttle lever | 1 |
| 0229023 |  | Cylinder lock pin | 1 | 0229033 |  | Lever pin | 1 |
| | | | | 0229043 |  | Hose nipple | 1 |
| | | | | 0229041 |  | Reducer | 1 |

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


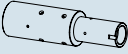










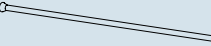








59

Pneumatic Lightweight Needle Scalers and Spares -
Sizes 16, 20, 24 and 28

Accessories and spares

Note: for needle replacement information, please go to page 13

For N28 / HN28 Needle scaler




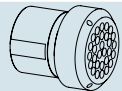


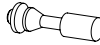
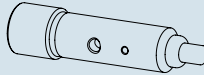
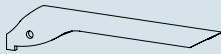
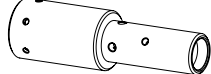






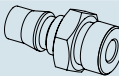

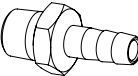



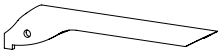
| Teryair Model No | Image | Part description | Qty/ tool | | | | |
|------------------|---|-------------------------|-----------|-----------|---|----------------------|----|
| 0229012 |  | O ring Cylinder | 2 | 0229035 |  | Needle guide | 1 |
| 0229013 |  | Safety band | 1 | 0229062 |  | Clamp bolt | 1 |
| 0229014 |  | Cylinder | 1 | 0229001 |  | Stop ring | 1 |
| 0229023 |  | Cylinder lock pin | 1 | 0229003 |  | Needle Supporter 3mm | 1 |
| 0229017 |  | Front washer | 1 | 0229005 |  | Needle Supporter 4mm | 1 |
| 0229045 |  | Housing | 1 | 0229007 |  | Needle Supporter 2mm | 1 |
| 0229021 |  | Rear washer | 1 | 0229004OL |  | Needle 3mm x 180mm | 28 |
| 0229029A |  | Throttle valve assembly | 1 | 0229006 |  | Needle 4mm x 180mm | 14 |
| 0229027 |  | Valve packing | 1 | 0229008 |  | Needle 2mm x 180mm | 65 |
| 0229025 |  | Valve cap | 1 | 0229009 |  | Throttle anvil | 1 |
| 0229047 |  | Rear bolt | 1 | 0229011 |  | Piston | 1 |
| 0229031 |  | Throttle lever | 1 | | | | |
| 0229033 |  | Lever | 1 | | | | |

im pa 59 Pneumatic Lightweight Needle Scalers and Spares -
Sizes 16, 20, 24 and 28

Accessories and spares

Note: for needle replacement information, please go to page 13

For SN16PG Needle Scaler

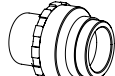
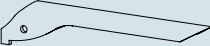
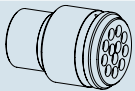







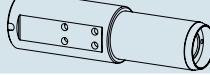
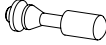
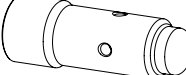



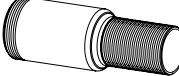
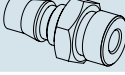

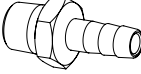


| Teryair Model No | Image | Part description | Qty/ tool | | | | |
|------------------|---|----------------------|-----------|---------|--|---------------------------|---|
| 1352107 |  | Rear bolt | 1 | | | | |
| 1355111OL |  | Needle 2mm x 150mm | 29 | 0229025 |  | Valve cap | 1 |
| 1352106 |  | Needle Supporter 2mm | 1 | 0229027 |  | Valve packing | 1 |
| 1352102 |  | Throttle anvil | 1 | 0229029 |  | Throttle valve | 1 |
| 1352103 |  | Piston | 1 | 0229031 |  | Throttle lever | 1 |
| 1352104 |  | Cylinder | 1 | 0229033 |  | Lever pin | 1 |
| 1352105 |  | Stop ring | 1 | 0229030 |  | O ring for throttle valve | 1 |
| 1354008 |  | O ring | 1 | 0229040 |  | Spring for throttle valve | 1 |
| 1405112 |  | Safety band | 1 | 0224052 |  | Hose nipple | |
| 1351001 |  | Housing | 1 | 0229043 |  | Hose nipple | 1 |
| 1354009 |  | O ring for cylinder | 1 | 0229041 |  | Reducer | 1 |
| 1354010 |  | Rear washer | 1 | 0229031 |  | Throttle lever | 1 |

im pa 59 Pneumatic Lightweight Needle Scalers and Spares -
Sizes 16, 20, 24 and 28

Accessories and spares

Note: for needle replacement information, please go to page 13

For SN20ST Needle Scaler

| Teryair Model No | Image | Part description | Qty/ tool | | | | |
|------------------|---|-------------------------|-----------|---------|---|---------------------------|---|
| 1402101 |  | Stop ring | 1 | 0229031 |  | Throttle lever | 1 |
| 1402102 |  | Needle supporter 3mm | 1 | 1005019 |  | Lever pin | 1 |
| 0229004OL |  | Needle 3mm x 180mm | 12 | 1402107 |  | Valve cap | 1 |
| 1402103 |  | Throttle anvil | 1 | 1404011 |  | O ring for valve cap | 1 |
| 1405112 |  | Safety band | 1 | 1409013 |  | Internal circlip | 1 |
| 1402104 |  | Cylinder | 1 | 0229029 |  | Throttle valve | 1 |
| 1402105 |  | Piston | 1 | 0229030 |  | O ring for throttle valve | 1 |
| 1404008 |  | Front washer | 1 | 0229040 |  | Spring for throttle valve | 1 |
| 1404009 |  | Cover for cylinder | 1 | 0224052 |  | Hose nipple | |
| 1404010 |  | O ring for control body | 1 | 0229043 |  | Hose nipple | 1 |
| 1402106 |  | Control body | 1 | 0229041 |  | Reducer | 1 |

These steel-bodied tools are durable machines. Also available in straight and pistol grip versions to suit every operator's preference. A high degree of parts interchangeability within sizes makes for convenient inventory management. Choose from different types of chisel types or needle sizes to achieve desired results.

Features

- Hardened steel cylinder - durable
- Pistol grip handle.
- Choice of needle sizes
- High power to weight ratio.
- Lightweight - easy to use and manoeuvre.
- Simple to maintain - few moving parts.
- Quick change needles
- Capable of descaling irregular surfaces, crevices etc

Applications

- Cleaning of weld splatter and flux
- Descaling
- Reaching hard to reach areas
- Paint removal
- Corrosion removal, prior to re-coating or painting
- General surface preparation

These tools are great for use in general industry, shipyards, maintenance of sea going vessels, offshore platforms etc.

Technical data

| IMPA Code | 590481 | 590482 | 590483 |
|--------------------------------|------------------------|------------------------|------------------------|
| Teryair Model No | SN24ST | SN24PG | SN29PG |
| Type | Inline | Pistol Grip | |
| Blows per min | 3000 | 3000 | 2200 |
| Air Consumption ltrs/sec (cfm) | 2.6 (5.5) | 2.6 (5.5) | 3.8 (8) |
| Air Inlet Size inch | NPT 1/4 | | |
| Length mm (inch) | 375 (14.7) | 315 (12.4) | 342 (13.5) |
| Weight kgs (lbs) | 2.6 (5.8) | 2.6 (5.7) | 3.7 (8.2) |
| Needles | 51 x 2 mm 19 x 3 mm | 51 x 2 mm 19 x 3 mm | 65 x 2 mm 28 x 3 mm |

Package dimensions and weights

| Teryair Model No | Weight kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| SN24ST | 3.0 | 7 x 7 x 41 |
| SN24PG | 3.0 | 35 x 19 x 7 |
| SN29PG | 4.5 | 21 x 74 x 41 |

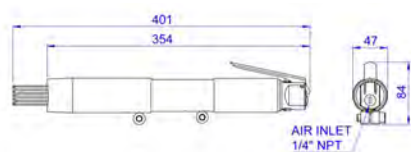
Accessories and spares

See page 20 for available needles

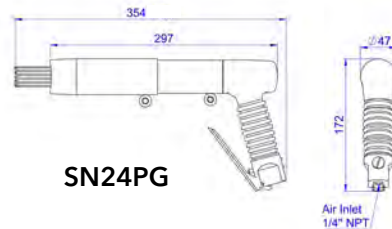
Standard equipment included

| SN24ST | SN24PG | SN29PG |
|---|---|---|
| 0229004BL 3mm x 180 mm Long needles - 19 pcs | 0229004BL 3mm x 180 mm Long needles - 19 pcs | 0229004BL 3mm x 180 mm Long needles - 28 pcs |

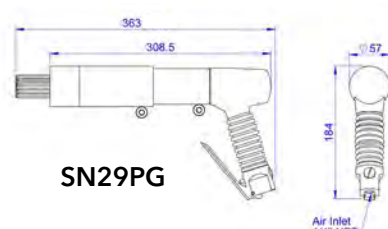
Dimension drawing



SN24ST



SN24PG



SN29PG

Vibration reduced tools transfer negligible vibration and offer greater comfort to the operator. Ideal for removal of unwanted layers, these scalers are able to use different needle sizes for ideal results.

Features

- Low vibration - easy on operators.
- Hardened steel cylinder - durable.
- Pistol grip handle.
- Choice of needle sizes
- High power to weight ratio.
- Lightweight - easy to use and manoeuvre.
- Simple to maintain - few moving parts.

Applications

- Cleaning of weld splatter and flux
- Descaling
- Reaching hard to reach areas
- Paint removal
- Corrosion removal, prior to re-coating or painting
- General surface preparation

These tools are great for use in general industry, shipyards, maintenance of sea going vessels, offshore platforms etc.

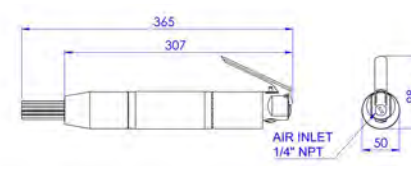
Technical data

| IMPA Code | 590518 | 590500 | 590510 |
|----------------------------------|------------|-------------|----------------------------------|
| Teryair Model No | SN39STVL | SN39PGVL | SN45PGVL |
| Type | Inline | Pistol Grip | |
| Blows per min | 2400 | 2400 | 3000 |
| Air Consumption ltrs/sec (cfm) | 1.89 (4) | 1.89 (4) | 4.0 (8.5) |
| Noise Level LwA dB(A) | 90.7 | 90.7 | 109.50 |
| Vibration (AEQ) m/s ² | 2.56 | 2.56 | 2.3 |
| Air Inlet Size inch | NPT 1/4 | | |
| Length mm (inch) | 370 (14.5) | 340 (13.4) | 370 (14.5) |
| Weight kgs (lbs) | 2.95 (6.5) | 2.7 (6.0) | 3.5 (7.7) |
| Needles | 19 x 3mm | 19 x 3mm | 65 x 2mm 28 x 3mm 19 x 4mm |

Standard equipment included

| SN39STVL | SN39PGVL | SN45PGVL |
|---|---|---|
| 0229004BL 3mm x 180 mm Long needles - 19 pcs | 0229004BL 3mm x 180 mm Long needles - 19 pcs | 0229004BL 3mm x 180 mm Long needles - 28 pcs |

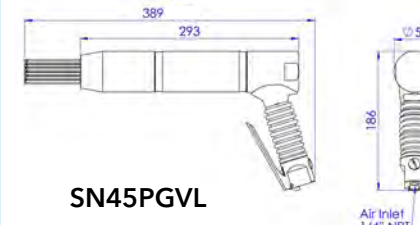
Dimension drawing



SN39STVL



SN39PGVL



SN45PGVL

im pa 59 Spare Needles For Needle Scalers (Suits All Brands Of Needle Scalers/Jet Chisels)

Teryair extra long life needles are made from premium alloy steel with molybdenum nickel and manganese added. These elements give these needles extra hard wear resistance over standard needles.

Choose from 2, 3 or 4mm sizes.

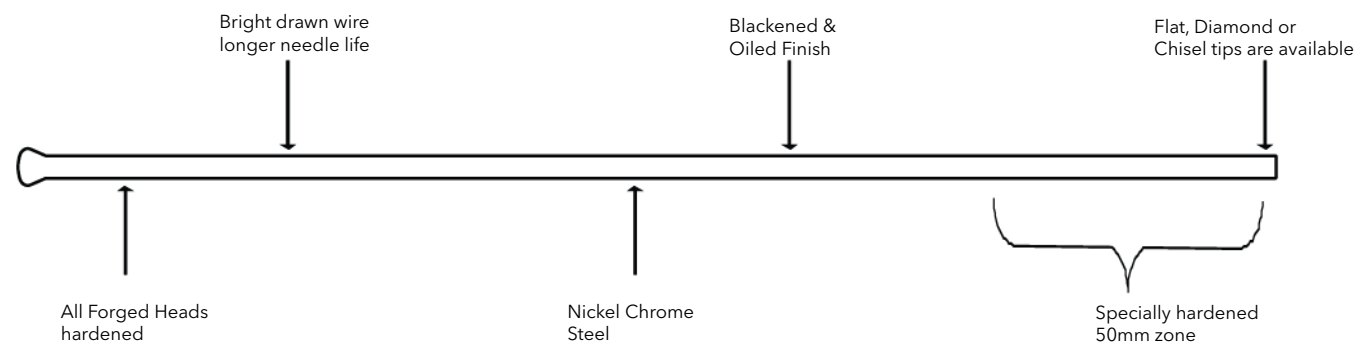
Special lengths and tips are made to order.














Nickel Chrome Steel




Copper Beryllium



Nickel Chrome Steel

| IMPA Code | Teryair Part No | Size | Shape of Tip | Per Set pcs |
|----------------------------|---|---------------|--|-------------|
| 590466 | NR2150FO | 2 mm x 150 mm | Flat Tip  | 100 |
| 590467 | NR2180FO | 2 mm x 180 mm | Flat Tip  | 100 |
| 590468 | NR3180FO | 3 mm x 180 mm | Flat Tip  | 100 |
| | NR3180CO | 3 mm x 180 mm | Chisel Tip  | 100 |
| | NR3180DO | 3 mm x 180 mm | Diamond Tip  | 100 |
| 590469 | NR4180FO | 4 mm x 180 mm | Flat Tip  | 50 |
| 590486 | 0229008OL | 2 mm x 180 mm | Flat Tip  | 1 |
| 590487 590488 590489 | 0229004HTCP 1005121DMOL 0229004OL | 3 mm x 180 mm | Flat Tip  Chisel Tip  Pointed Tip  | 1 1 1 |
| 590492 | 0229006OL | 4 mm x 180 mm | Flat Tip  | 1 |

Copper Beryllium - Non Spark

| IMPA Code | Teryair Part No | Size | Shape of Tip | Per Set |
|-----------|-----------------|---------------|---|---------|
| - | 2L3180FCB | 3 mm x 180 mm | Flat Tip  | 100 |

im pa 59 Pneumatic Heavy Duty Chisel Scalers - Sizes 2 and 3

These are hard hitting scalers with the options of quick chisel changes. Select from a variety of chisels to remove unwanted accumulated layers.

Features

- Hardened steel cylinder - durable.
- Pistol grip handle.
- Variety of chisels available.
- High power to weight ratio.
- Lightweight - easy to use and manoeuvre.
- Simple to maintain - few moving parts.
- Quick change retainer system - chisels and accessories can be changed quickly.

Applications

- Cleaning of weld splatter and flux.
- Descaling.
- Reaching hard to reach areas.
- Paint removal.
- Corrosion removal, prior to re-coating or painting.
- General surface preparation.



These tools are great for use in general industry, shipyards, maintenance of sea going vessels, offshore platforms etc.

Technical data

| IMPA Code | 590581 | 590582 | 590583 |
|--------------------------------|---|-------------|------------|
| Teryair Model No | SC24ST | SC24PG | SC29PG |
| Type | Inline | Pistol Grip | |
| Blows per min | 3000 | 3000 | 2200 |
| Air Consumption ltrs/sec (cfm) | 2.6 (5.5) | 2.6 (5.5) | 3.8 (8) |
| Air Inlet Size inch | NPT 1/4 | | |
| Length mm (inch) | 370 (14.5) | 340 (13.4) | 370 (14.5) |
| Weight kgs (lbs) | 2.0 (4.4) | 2.0 (4.4) | 2.6 (5.8) |
| Standard Accessories | Chisel 1/2" sq, 7" Long, 3/4" Wide, JC0175F19 - 1pc | | |

Package dimensions and weights

| Teryair Model No | Weight kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| SC24ST | 2.5 | 7 x 7 x 41 |
| SC24PG | 3.5 | 35 x 19 x 7 |
| SC29PG | 4.0 | 35 x 19 x 7 |

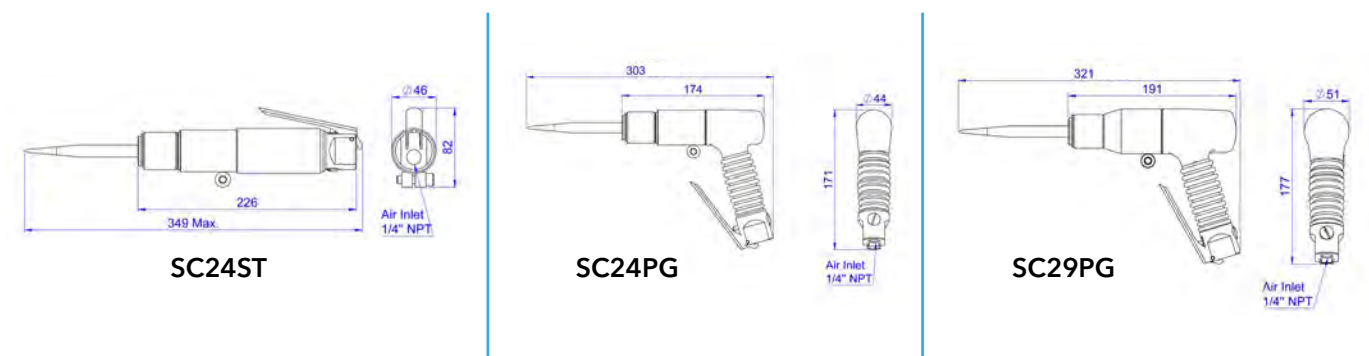
Accessories and spares

See page 23 for jc series chisel list

Standard equipment included

Chisel 1/2" sq, 7" Long, 3/4" Wide, JC0175F19 - 1pc

Dimension drawing



impa 59 Pneumatic Low Vibration Chisel Scalers - Sizes 2 and 3

Vibration reduced tools transfer negligible vibration and offer greater comfort to the operator. A variety of chisels can be easily interchanged to achieve desired results of removal of unwanted buildup of layers

Features

- Low vibration - easy on operators.
- Hardened steel cylinder - durable.
- pistol grip handle.
- Variety of chisels available.
- High power to weight ratio.
- Lightweight - easy to use and manoeuvre.
- Simple to maintain - few moving parts.
- Quick change retainer system - chisels and accessories can be changed quickly.

Applications

- Cleaning of weld splatter and flux.
- Descaling.
- Reaching hard to reach areas.
- Paint removal.
- Corrosion removal, prior to re-coating or painting.
- General surface preparation.



These tools are great for use in general industry, shipyards, maintenance of sea going vessels, offshore platforms etc.

Technical data

| IMPA Code | 590519 | 590513 | 590514 |
|-----------------------------------|---|-------------|------------|
| Teryair Model No | SC39STVL | SC39PGVL | SC45PGVL |
| Type | In Line | Pistol Grip | |
| Blows per min | 2400 | 2400 | 3000 |
| Air Consumption ltrs/sec (cfm) | 1.89 (4) | 1.89 (4) | 2.6 (5.5) |
| Noise Level LwA dB(A) | 76.3 | 76.3 | 78.2 |
| Vibration (AEQ) m/s² | 3.69 | 3.33 | 3.7 |
| Air Inlet Size inch | NPT 1/4 | | |
| Length mm (inch) | 370 (14.5) | 340 (13.4) | 370 (14.5) |
| Weight kgs (lbs) | 2.95 (6.5) | 3.20 (7.05) | 4.0 (8.8) |
| Standard Accessories | Chisel ½" sq, 7" Long, ¾" Wide, JD0175F19 - 1pc | | |

Package dimensions and weights

| Teryair Model No | Weight kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| SC39STVL | 3.0 | 7 x 7 x 41 |
| SC39PGVL | 3.0 | 35 x 19 x 7 |
| SC45PGVL | 6.0 | 21 x 74 x 41 |

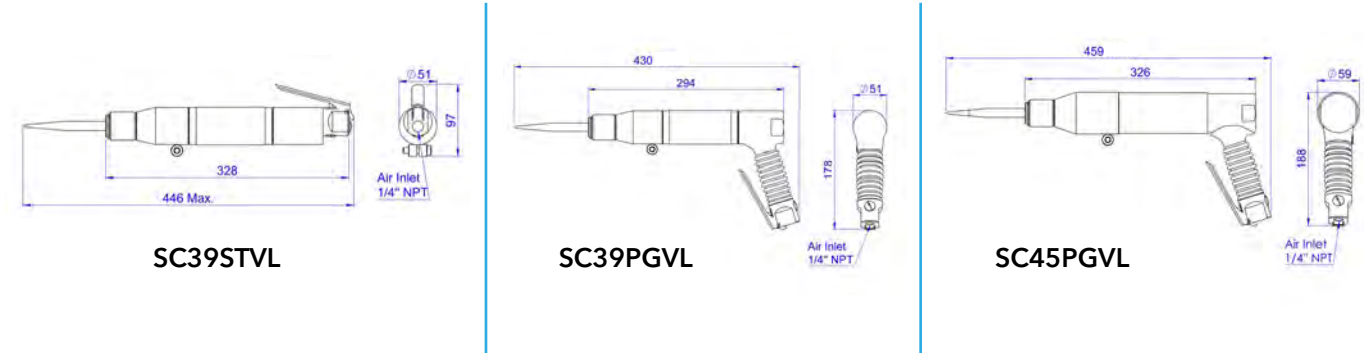
Accessories and spares

See page 23 for jd series chisel list

Standard equipment included

Chisel ½" sq, 7" Long, ¾" Wide, JD0175F19 - 1pc

Dimension drawing



impa 59 Chisels For Use With Heavy Duty and Low Vibration Chisel Scalers

Chisels for use with chisel scalers.
Suits most brands of chisel scalers.

| Images | IMPA Code | Blade Size mm | | Type | Teryair Part No |
|--------|-----------|-----------------|------------------|---------|-----------------|
| | | Width mm (inch) | Length mm (inch) | | |
| | 590591 | 19 (3/4) | 175 (7) | Flat | JC0175F19 |
| | 590592 | 19 (3/4) | 254 (10) | | JC0250F19 |
| | 590593 | 62 (2-½) | 175 (7) | | JC0175F65 |
| | 590594 | 62 (2-½) | 254 (10) | | JC0250F65 |
| | 590595 | 34 (1-3/8) | 175 (7) | Cranked | JC0175C35 |
| | 591901 | 19 (¾) | 175 (7) | Flat | JD0175F19 |
| | 591902 | 62 (2-½) | 175 (7) | | JD0175F65 |
| | 591903 | 50 (2) | 175 (7) | Flat | JD0175F50 |
| | 591904 | 34 (1-3/8") | 175 (7) | Cranked | JD0175C35 |
| | 591905 | 19 (¾) | 254 (10") | Flat | JD0250F19 |

im pa 59 Pneumatic Long Reach Scalers

Teryair Long Reach Scalers are available in different long lengths to access hard to reach areas. Excellent for removal of corrosion and layers from floors and surfaces. A variety of accessories of chisels and blades are available depending on the type of layer that needs removing. All accessories are quick change

Features

- Hardened steel cylinder - durable.
- Pistol grip handle.
- Choice of needle sizes.
- High power to weight ratio.
- Lightweight - easy to use and manoeuvre.
- Simple to maintain - few moving parts.
- Quick change retainer system Chisels and accessories can be changed quickly.

Applications

- Great for removal of salt water corrosion and marine growth on cargo ships decks.
- Chipping and scaling in hard to reach areas.
- Great for removal of tiles/ carpet from floors.
- Removal of stubborn adhesives from floors.



Technical data

| IMPA Code | 590451 | 590452 | 590453 | 590454 |
|--------------------------------|-----------|-------------|------------|------------|
| Teryair Model No | LR076 | LR116 | LR146 | LR176 |
| BPM | 2200 | | | |
| Air Consumption ltrs/sec (cfm) | 2.1 (4.5) | | | |
| Length mm | 760 | 1160 | 1460 mm | 1760 |
| Weight kgs (lbs) | 4.6 (8.2) | 5.2 (11.51) | 5.8 (12.9) | 6.3 (13.9) |

Standard equipment included

| IMPA Code | LR076 | LR116 | LR146 | LR176 |
|------------------|--------------------------------------|-------|-------|-------|
| Teryair Model No | JB0222FC4, 5/8" Hex Chisel , 8" Long | | | |

Accessories and spares

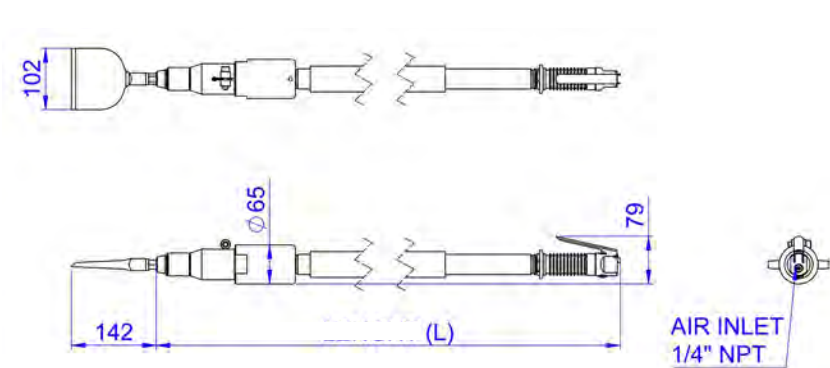
See list on page 25

Package dimensions and weights

| Teryair Model No | Weight kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| LR076 | 6.5 | 79 x 10 x 8 |
| LR116 | 7.0 | 121 x 10 x 8 |
| LR146 | 7.5 | 144 x 10 x 8 |
| LR176 | 9.0 | 173 x 10 x 9 |

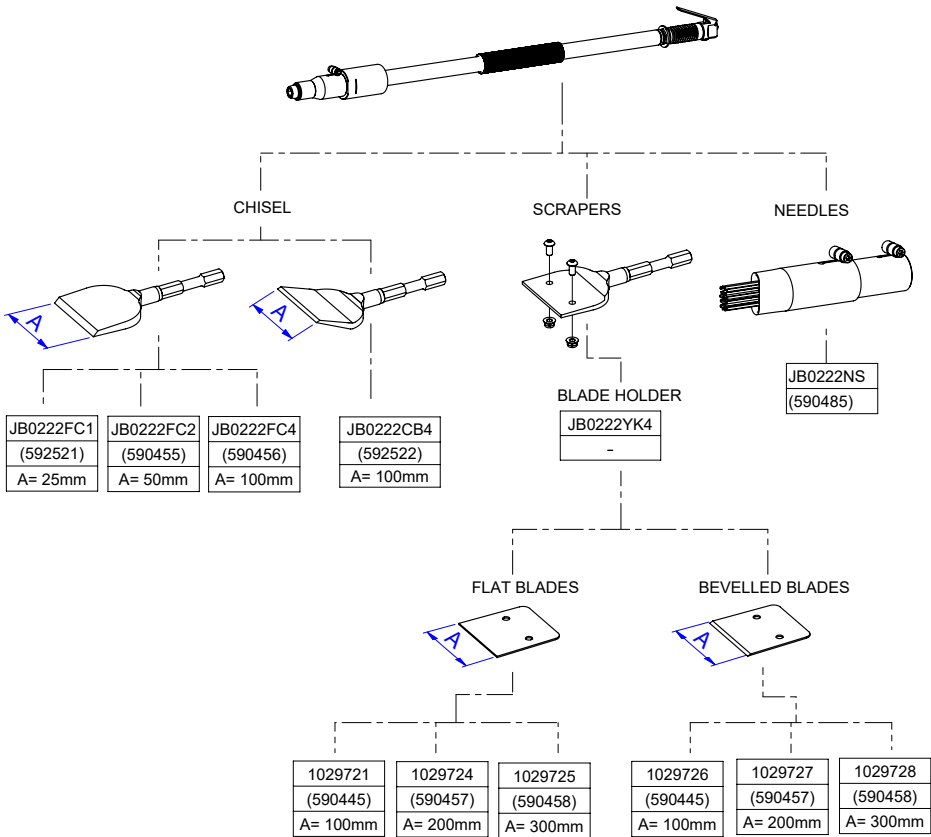
| Models | Length (L) mm |
|--------|---------------|
| LR076 | 760 |
| LR116 | 1160 |
| LR146 | 1460 |
| LR176 | 1760 |

Dimension drawing



im pa 59 Pneumatic Long Reach Scalers

Accessories for Long Reach Scalers



| IMPA Code | Teryair Model No | Teryair Model No |
|-------------------------------|------------------|------------------|
| Chisels mm (inch) | | |
| 592521 | 25 (1) | JB0222FC1 |
| 590455 | 50 (2) | JB0222FC2 |
| 590456 | 100 (4) | JB0222FC4 |
| Chisel for Floor Tile Removal | | |
| 592522 | 100 (4) | JB0222CB4 |
| Yoke Retainer with fasteners | | |
| | 100 (4) | JB022YK4 |
| Scrapers - Flat | | |
| 590445 | 100 (4) | 1029721 |
| 590457 | 200 (8) | 1029724 |
| 590458 | 300 (12) | 1029725 |
| Scrapers - Bevelled | | |
| 590445 | 100 (4) | 1029726 |
| 590457 | 200 (8) | 1029727 |
| 590458 | 300 (12) | 1029728 |
| Needle Attachment | | |
| 590485 | - | JB0222NS |

im pa 59 Pneumatic Mucking Winches - 100 Kgs, 200 kgs and 300 Kgs

Teryair mucking winches are designed for extracting muck and sludge like deposits from tank floors. All capacities feature galvanized non spinning wire ropes. A worm wheel gear box multiplies torque and prevents load slippage even when not powered.

Features

- Galvanized non-spinning hoisting cable.
- Non sparking safety hook.
- Powerful air motor.

Applications

- For tank cleaning.

Technical data

| IMPA Code | Teryair Model No | Lifting Capacity Kgs | Lifting Speed (m/min) | Wire Rope Diameter mm | Wire Rope Length m | Air Hose Diam mm | Weight kgs |
|-----------|------------------|----------------------|-----------------------|-----------------------|--------------------|------------------|------------|
| 590601 | MCW100 | 50 | 35 | 4 | 33 | 15 | 62 |
| 590602 | MCW100 | 75 | 35 | 4 | 33 | 15 | 62 |
| 590603 | MCW100 | 100 | 30 | 4 | 33 | 15 | 62 |
| 590604 | MCW200 | 150 | 25 | 4 | 40 | 19 | 64 |
| 590605 | MCW200 | 200 | 30 | 4 | 40 | 19 | 64 |
| 590606 | MCW300 | 250 | 20 | 4 | 40 | 19 | 69 |
| 590607 | MCW300 | 300 | 30 | 4 | 40 | 19 | 69 |

Standard equipment included assembled

FRL unit, a forged hook, wire rope, forward and reverse valve, all hoses and connectors and air motor and gearbox. Neoprene rubber buckets are available as extras

| IMPA number | Teryair Model Number | Standard Equipment |
|-------------|----------------------|--|
| 590601 | MCW100 | 5665015, 1/2" FRL Unit, Wire Rope 33 meters |
| 590602 | MCW100 | 5665015, 1/2" FRL Unit, Wire Rope 33 meters |
| 590603 | MCW100 | 5665015, 1/2" FRL Unit, 5665005, Wire Rope 33 meters |
| 590604 | MCW200 | 5665015, 1/2" FRL Unit, Wire Rope 40 meters |
| 590605 | MCW200 | 5665015, 1/2" FRL Unit, Wire Rope 40 meters |
| 590606 | MCW300 | 5665015, 1/2" FRL Unit, Wire Rope 40 meters |
| 590607 | MCW300 | 5665015, 1/2" FRL Unit, Wire Rope 40 meters |



MCW100

MCW300

Accessories and spares

10 Litre Neoprene Bucket, RB10 IMPA 590611

20 Litre Neoprene Bucket, RB20 IMPA 590612

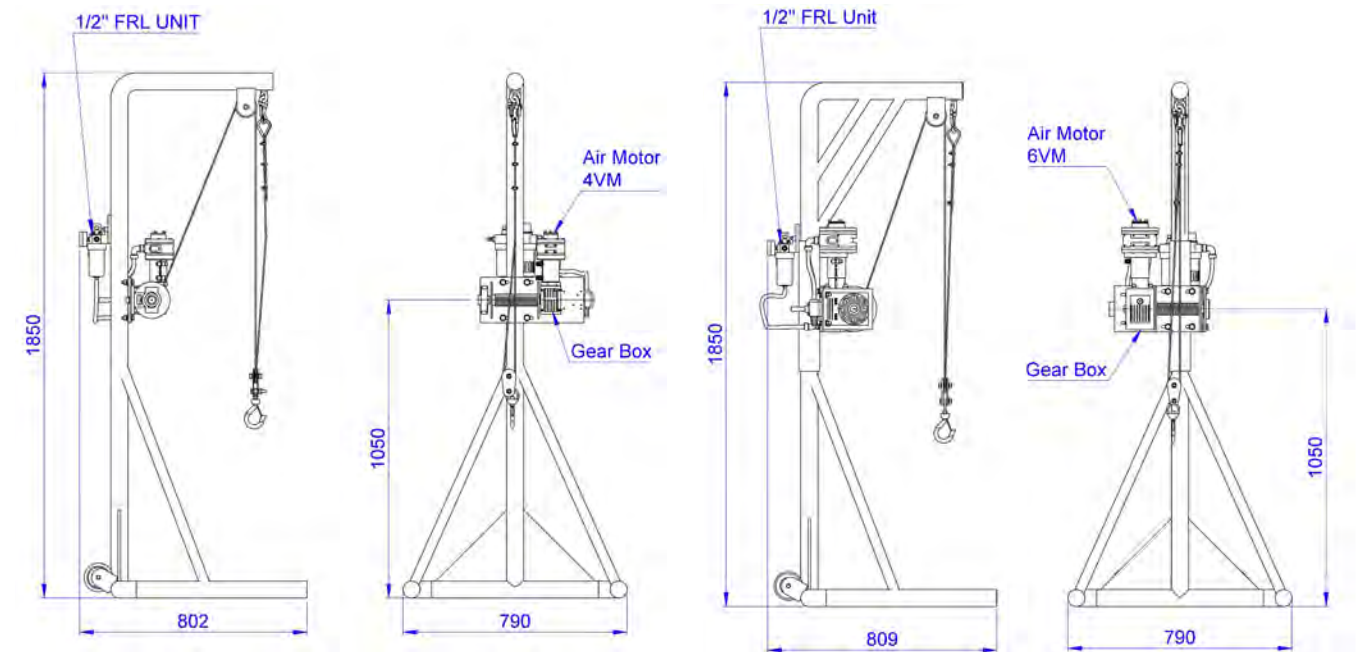


Package dimensions and weights

| Teryair Model No | Weight kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| MCW100 | 72.0 | 79 x 79 x 201 |
| MCW200 | 75.0 | 79 x 79 x 201 |
| MCW300 | 85.0 | 79 x 79 x 201 |

im pa 59 Pneumatic Mucking Winches - 100 Kgs, 200 kgs and 300 Kgs

Dimension drawing



MCW100

MCW300

im pa 59 Pneumatic Vacuum Cleaner

Teryair Vacuum Cleaners are compact and lightweight. These industrial vacuum cleaners work on compressed air and are capable of cleaning off water, oil and bottom sludge as well as dust and metal chipping. Their unique design permits the use of an ordinary pail or can with an outside diameter of 300mm to collect the dust and waste. Standard equipment includes a pail can, 2 meters of oil resistance hose, and an oil stopper which automatically stops suction when the receiver becomes full.

Features

- Automatic shut off when drum full.
- Lightweight and manoeuvrable.
- Compact industrial vacuum cleaner which works on compressed air.

Applications

- Used for cleaning up of water, oil, bottom sludge, dust, and metal chippings.



KLIN50

Technical data

| IMPA Code | Teryair Model No | Hose | Suction Nozzle mm | Suction Nozzle ltr/min | Air Consumption m³/min | Suction Capacity at 5kgf/cm² m³ |
|-----------|------------------|------------------|-------------------|------------------------|--------------------------|---------------------------------|
| 590722 | KLIN-50 | 32 mm(dia) x 2 m | Ø32 | 500 | 3000 mm/H ₂ O | 1.8 |

Standard equipment included

- Suction Pipe
- Nozzle
- Hose clip

Additional Data

| Suction Force ltr/min |
|-----------------------|
| 60- 80 |

Package dimensions and weights

| Teryair Model No | Weight kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| KLIN-50 | 7 | 38 x 34 x 57 |

im pa 59 Tank Cleaning Machines, 31 meter Jet Length,
3-12 Bar Operating Pressure Range

Teryair Tank Cleaning Jets have twin nozzles and are durable and reliable tank washing machines. They have a Stainless Steel 316L construction combined with PEEK gears for durability and chemical resistivity. The two opposing nozzles continuously rotate in two axes and complete a complete cleaning cycle in approximately 20 minutes. Suitable for use with various cleaning media including water, crude oil and cleaning chemicals, both hot and cold. It is easily repairable on site and teryair spares are available widely.

Features

- Nozzles can be freely positioned to facilitate Usage in tight spaces.
- Choice of nozzles available depending on tank size.
- All chemical resistant materials used in construction.
- Self lubricating.
- 95 °C fluid handling capability.
- No cargo contamination.

Certifications

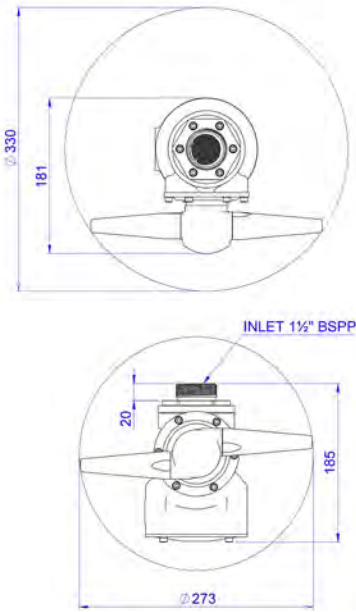
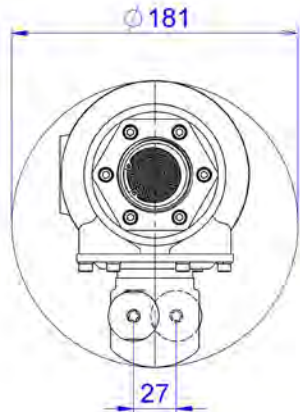
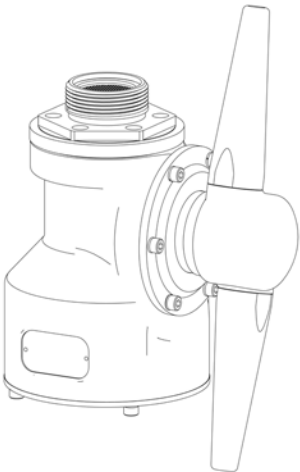
- CE Certificate No CE 16831
- Lloyds Register Certificate of approval, No. LR2011185MC
- ATEX Codes
Ⓜ II 2 GD Ex h IIC T6 Gb
Ⓜ Ex h IIIC T85°C Db
- ATEX No - 2467/1/2023



Technical data

| | |
|-------------------------|---------|
| IMPA Code | 590656 |
| Teryair Model No | TC-110J |
| Nozzle Diameter mm | 7-12 |
| Water Consumption m³/Hr | 8-23 |
| Jet Length mtr | 15-31 |
| Washing Cycle min/Cycle | 4-15 |
| Working Pressure bar | 5-12 |
| Weight kgs | 6.6 |

Dimension drawing



TC110J

Applications

- Suitable for use for washing / cleaning tanks in crude oil, chemical and product tankers.
- Suitable for washing / cleaning tanks in liquid port terminal tanks.
- Suitable for use in onshore process industry tanks.

Package dimensions and weights

| Teryair Model No | Weight kgs | Box Dimensions cms | Part No. | Description |
|------------------|------------|--------------------|--------------|-----------------------------|
| TC-110J | 10 | 39 x 25 x 32 | TC110-023N08 | Set of 8 mm nozzles (2 pcs) |

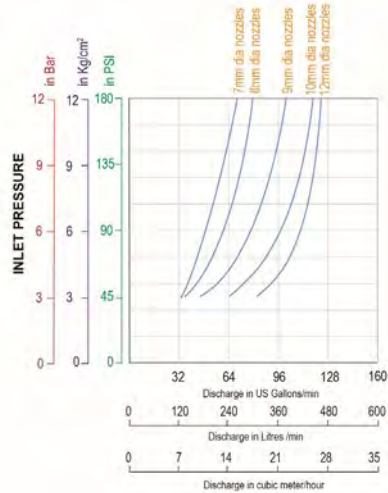
Accessories and spares

| | |
|--------------|------------------------------|
| TC110-023N07 | Set of 7 mm nozzles (2 pcs) |
| TC110-023N08 | Set of 8 mm nozzles (2 pcs) |
| TC110-023N09 | Set of 9 mm nozzles (2 pcs) |
| TC110-023N10 | Set of 10 mm nozzles (2 pcs) |
| TC110-023N12 | Set of 12 mm nozzles (2 pcs) |

im pa 59 Tank Cleaning Machines, 31 mtr Jet Length,
3-12 Bar Operating Pressure Range

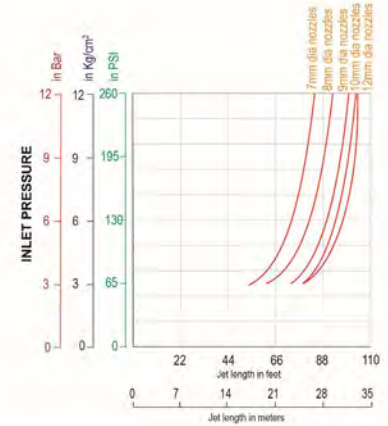
Performance Graph
Inlet Pressure vs Discharge

- Performance as measured discharging water at 20 °C.
- For guidance on how to select a suitable tank cleaning machine get in touch with teryair.
- Actual discharge performance may vary depending on cleaning media used, its viscosity and its density.



Performance Graph
Inlet Pressure vs Jet Length

- Performance as measured discharging water at 20 °C.
- For guidance on how to select a suitable tank cleaning machine get in touch with teryair.
- Actual Jet length may vary depending on cleaning media used, its viscosity and its density.



| Nozzle Size | Inlet water Pressure (bars) | Flow (m³/hr) | Jet length (m) | Cycle time (min) |
|-------------|-----------------------------|--------------|----------------|------------------|
| 7 | 3 | 6 | 18 | 28 |
| | 5 | 10 | 22 | 26 |
| | 6 | 11 | 23 | 24 |
| | 8 | 12.5 | 25 | 22 |
| | 10 | 14 | 26.5 | 20 |
| | 12 | 15.5 | 27.5 | 18 |
| 8 | 3 | 9 | 20 | 26 |
| | 5 | 12.5 | 23.5 | 24 |
| | 6 | 13.75 | 25 | 22 |
| | 8 | 16.5 | 27 | 20 |
| | 10 | 17.75 | 28 | 18 |
| | 12 | 19.75 | 29 | 16 |
| 9 | 3 | 11 | 23 | 24 |
| | 5 | 15 | 25 | 22 |
| | 6 | 16.25 | 26 | 20 |
| | 8 | 18.75 | 28 | 18 |
| | 10 | 21.25 | 29 | 16 |
| | 12 | 22.5 | 30 | 14 |

| | | | | |
|----|----|-------|------|----|
| 10 | 3 | 14 | 26 | 22 |
| | 5 | 17.5 | 24 | 20 |
| | 6 | 18.75 | 27 | 18 |
| | 8 | 22 | 29 | 16 |
| | 10 | 24.5 | 30 | 14 |
| | 12 | 27 | 31 | 12 |
| 12 | 3 | 17 | 25 | 20 |
| | 5 | 18 | 26 | 18 |
| | 6 | 19.25 | 27.5 | 16 |
| | 8 | 22.5 | 29.5 | 14 |
| | 10 | 25 | 30.5 | 12 |
| | 12 | 27.5 | 31 | 10 |

im pa 59 Pneumatic Hold Cleaning Guns

Teryair Hold Cleaning Guns employ high pressure water jets, boosted by compressed air to remove loose flaking paint and cargo residue. Suitable for various sizes of holds and tanks, these Guns reduce potential contamination risks. Projects jets upto 30 meters. They are the preferred choice on bulk carriers and cargo vessels.

Features

- Cleans holds fast and effectively.
- Adjustable control valve provides suitable jet for the job at hand.
- Easily removes cargo residue, flaking paint and rust.
- No specialist operator skill or training required.
- Compact design.
- Low maintenance.

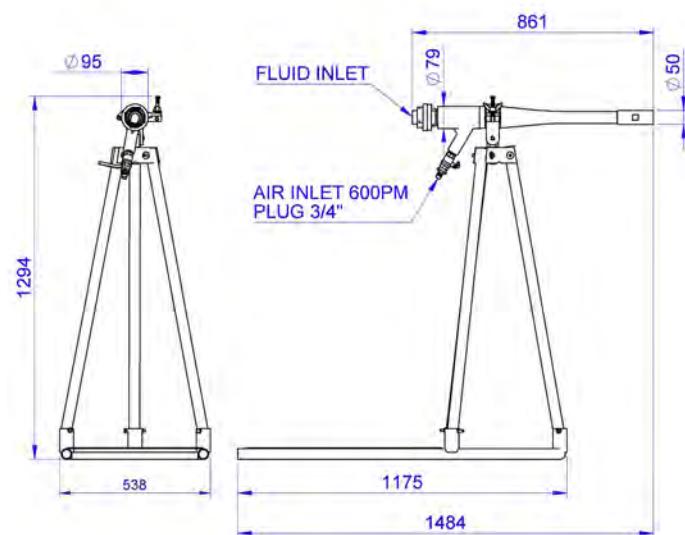
Applications

- Cargo hold cleaning.

Technical data

| IMPA Code | 590741 | 590742 |
|--------------------------------------|-------------|-----------------|
| Teryair Model No | HC-50 | HC-63 |
| Effective Jet Reach m | 20-25 | 30 |
| Working Pressure kgf/cm ² | 5-7 | 7 |
| Water Consumption | 28 ton/hour | 300 gal/min |
| Water Hose mm | 50 or 65 | 50 |
| Air Hose mm | 15 | 19 |
| Air Inlet inch | 3/4 BSPP | 3/4 BSPP |
| Material of Construction | Aluminum | Stainless Steel |
| Weight kgs | 16 | 19 |

Dimension drawing



HC50



HC63

Package dimensions and weights

| Teryair Model No | Weight kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| HC-50 | 18.0 | 121 x 60 x 13 |
| HC-63 | 21.0 | 121 x 60 x 13 |

Standard equipment included

| HC-50 | | |
|----------|-----------------|---------|
| Part no. | Description | Qty pcs |
| 7541006 | Coupling | 1 |
| 7541007 | Coupling | 1 |
| HC-63 | | |
| Part no. | Description | Qty |
| 2500428 | Coupling 2-1/2" | 1 |
| 2500423 | Coupling 2" | 1 |

im pa 59 Pneumatic High Pressure Cleaner - 200 Bar 15 ltr/min

Teryair Pneumatically Operated High Pressure Cleaners are designed for heavy duty cleaning operations in hazardous environments.

Features

- Built in bypass safety valve.
- Durable low speed motor and pump unit.
- Atex certified air motor .
- Non corrosive materials in pump, fittings and pipes.
- 3 Ceramic fully coated pistons.
- Built in frl unit and muffler.
- Chemical injector.

Applications

These pneumatic heavy duty high pressure cleaners offer efficient cleaning, saving time and resources. Teryair pneumatic highpressure water jets are designed for general cleaning tasks in multiple industries. These high pressure water jets are used for daily cleaning of machinery, vehicles, and buildings, for the removal of stubborn dirt, stains and other debris from various surfaces.

Technical data

| IMPA Code | 590851 |
|---|-----------------|
| Teryair Model No | PW200 |
| Power Consumption hp (kw) | 9.0 (6.6) |
| Motor Speed rpm | 1500 |
| Working Pressure bar (psi) | 200 (2900) |
| Flow Capacity ltrs/min | 15 |
| Max Air Consumption m ³ /hour (cf/min) | 150 (330) |
| Air Inlet inch | 1 BSPP |
| Dimension | 762 x 572 x 585 |
| Weight kgs | 82.0 |

Standard equipment included

| Description | Nos |
|---|-------|
| FRL-25, 1" Filter , Regulator, Lubricator | 1 pc |
| 6379738, Discharge Hose 10mtr | 1 pc |
| 6379760, Nozzle Set of 5pcs | 1 set |
| 6379726, Water Inlet Hose | 1 set |
| 6379761, Gun with lance | 1 set |



PW200

Accessories and spares

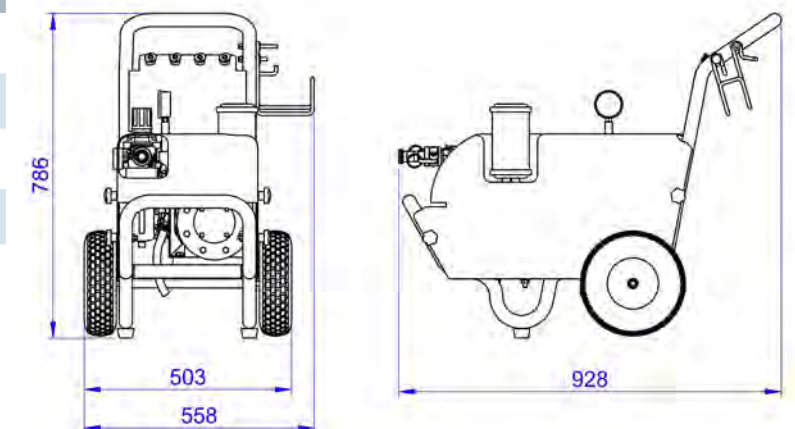
6379765, Discharge Hose 15 mtr

6379750, Discharge Hose 50 mtr

Package dimensions and weights

| Teryair Model No | Weight Kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| PW-200 | 95.0 | 76 x 57 x 59 |

Dimension drawing



im pa 59 Electric High Pressure Cleaners - 110 to 200 Bar

Features

- Auto bypass.
- Quick change tips.
- Adjustable output pressure.
- Ceramic coated pistons.
- Easy maintenance.

Applications

Teryair Electric High Pressure Cleaners are designed for general cleaning tasks in multiple industries. These high pressure cleaners are used for daily cleaning of machinery, vehicles, and buildings, for the removal of stubborn dirt, stains and other debris from various surfaces. All pump materials, fittings and pipes in contact with water are non corrosive.



EW Series

Technical data

| IMPA Code | 590857 | 590852 | 590853 | 590854 | 590855 | 590856 | 590853A | 590854A |
|-------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Teryair Model No | EW1103P-110V | EW1103P-220V | EW1706P-220V | EW1706P-440V | EW200-220V | EW200-440V | EW1106P-110V | EW1106P-220V |
| Power Supply | AC 110V 1 ph 60 Hz | AC 220V 1 ph 60 Hz | AC 220V 3 ph 60 Hz | AC 440V 1 ph 60 Hz | AC 220V 3 ph 60 Hz | AC 440V 3 ph 60 Hz | AC 110V 3 ph 60 Hz | AC 220V 3 ph 60 Hz |
| Power Consumption hp (kw) | 3.0 (2.2) | | 6.0 (4.4) | | 7.5 (5.5) | | 3.0 (2.2) | |
| Motor Speed rpm | 1750 | | 1750 | | 1750 | | 1750 | |
| Working Pressure bar (psi) | 110 (1600) | | 170 (2470) | | 200 (2900) | | 110 (1600) | |
| Flow Capacity ltr/min | 11.7 | | 15.2 | | 16.5 | | 11.7 | |
| Dimensions cms | 75 x 59 x 61 | | 75 x 59 x 61 | | 86 x 61 x 61 | | 75 x 59 x 61 | |
| Weight kgs | 60.0 | 60.0 | 65.0 | 65.0 | 74.0 | 74.00 | 55.0 | 55.0 |

Standard equipment included

| Description | Nos |
|--------------------------------|-------|
| Gun with 500 mm Lance | 1 pc |
| Nozzle set of 5 pcs | 1 set |
| 8mm x 10mtr High pressure hose | 1 pc |
| Water Inlet Hose 11 mm x 2 mtr | 1 pc |

Accessories and spares

| Description | Nos |
|---------------------------------|------|
| 8mm x 15 mtr High pressure hose | 1 pc |
| 8mm x 20 mtr High pressure hose | 1 pc |
| 8mm x 25 mtr High pressure hose | 1 pc |
| 8mm x 50 mtr High pressure hose | 1 pc |

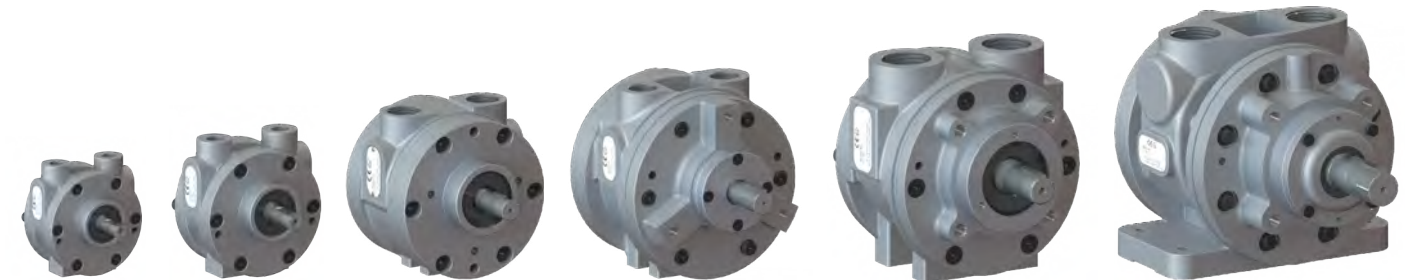
Package dimensions and weights

| Teryair Model No | Weight kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| EW1103P-110V | 65.0 | 75 x 59 x 61 |
| EW1103P-220V | 65.0 | 75 x 59 x 61 |
| EW1106P-110V | 65.0 | 75 x 59 x 61 |
| EW1106P-220V | 65.0 | 75 x 59 x 61 |
| EW1706P-220V | 65.0 | 75 x 59 x 61 |
| EW200-220V | 79.0 | 86 x 61 x 61 |
| EW200-440V | 79.0 | 86 x 61 x 61 |

im pa 59 Air Motors - 0.42 HP to 9.5 HP

Teryair Air Motors are Stall proof, Self Cooling, have a High Power to weight ratio, ATEX Explosion-proof, and Reversible - Thus making them the preferred choice for any of your applications. In many applications, the inherent features of air motors make them more suitable than electric or hydraulic options. Air Motors are used for mixing, lifting, and pulling applications in explosive zones. Speed and torque can be varied by simple modulation of input air

pressure and air volume. These air motors are suitable because of the many features that they exhibit. For example, these air motors are able to be loaded to the stall points without damage. Air motors can also tackle variable loads and are capable of being operated in environments where electrical motors are hazardous. An important feature of compressed air motors is their compact size as compared to electrical motors.



1VM

2VM

4VM

6VM

8VM

16VM

Technical data

| IMPA Code | Teryair Model No | Output kW |
|---------------------------|------------------|-----------|
| Base Mount | | |
| 590965 | 1VMSALEXR | 0.33 |
| 590966 | 2VMSALEXR | 0.68 |
| 590967 | 4VMSALEXR | 1.3 |
| 590968 | 6VMSALEXR | 3.0 |
| 590969 | 8VMSALEXR | 3.9 |
| 590970 | 16VMSALEXR | 7.1 |
| (IEC) Flange Mount | | |
| 590971 | 1VMDALEXR | 0.33 |
| 590972 | 2VMDALEXR | 0.68 |
| 590973 | 4VMDALEXR | 1.3 |
| 590974 | 6VMDALEXR | 3.0 |
| 590975 | 8VMDALEXR | 3.9 |
| 590976 | 16VMDALEXR | 7.1 |
| Face Mount | | |
| 590977 | 1VMLALEXR | 0.33 |
| 590978 | 2VMLALEXR | 0.68 |
| 590979 | 4VMLALEXR | 1.3 |
| 590980 | 6VMLALEXR | 3.0 |
| 590981 | 8VMLALEXR | 3.9 |
| 590982 | 16VLALEXR | 7.1 |

Features

- Cool Running
- Variable Speeds
- Load to Stall
- Instantly Reversible

Applications

- **Construction & machinery:** Concrete vibrators / hose & cable feeders / pipe cutting & threading.
- **General machinery:** Multiple uses such as mixers and agitators power-driven tumblers, barrels, indexing tables, paint finishing equipment.
- **Environmental:** Air ventilation & ducting fans.
- **Valve operating:** Actuation of valves.
- **Lifting applications:** Mucking winches, pneumatic chain hoist.
- **Conveyors:** Material handling & automatic material movement through the driver chain. Safe use in hazardous atmosphere in chemical industries.

Standard equipment included

Muffler

Accessories and spares

| Part No. | Description |
|----------|---|
| 8119702 | Repair kit for 1VM Motors |
| 8039701 | Repair kit for 2VM Hub/Foot Type Motors |
| 8039702 | Repair kit for 2VM IEC/NEMA Type Motors |
| 8049701 | Repair kit for 4VM Face/Foot Type Motors |
| 8049702 | Repair kit for 4VM IEC/NEMA Type Motors |
| 8059701 | Repair kit for 6VM Face/Foot Type Motors |
| 8059702 | Repair kit for 6VM IEC/NEMA Type Motors |
| 8069701 | Repair kit for 8VM Face/Foot Type Motors |
| 8069702 | Repair kit for 8VM IEC/NEMA Type Motors |
| 8109701 | Repair kit for 16VM Face/Foot Type Motors |

See more



For more information, please download our detailed technical brochure for this product here. [Teryair Air Motor Family Brochure](#)

im pa 59 Portable Electric Drills - 6.5mm to 16mm in Steel

These drills are used for all conventional drilling of steel or wood.

Features

- Low vibration.
- High power to weight ratio.

Applications

- For light and medium duty drilling.

Standard equipment included

- Chuck key.
- Carbon brush.

Technical data

| AC 110V Single Phase | | | AC 220V Single Phase | | |
|----------------------|------------------|----------------------|----------------------|------------------|----------------------|
| IMPA Code | Teryair Model No | Drilling Capacity mm | IMPA Code | Teryair Model No | Drilling Capacity mm |
| 591002 | ED100-110V | 10.0 | 591012 | ED100-220V | 10.0 |
| 591003 | ED130-110V | 13.0 | 591013 | ED130-220V | 13.0 |
| 591004 | ED160-110V | 16.0 | 591014 | ED160-220V | 16.0 |



ED Series

Package dimensions and weights

| Teryair Model No | Weight kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| ED100-110V | 2.0 | 36 x 24 x 7 |
| ED130-110V | 2.5 | 36 x 24 x 7 |
| ED160-110V | 4.5 | 28 x 28 x 12 |
| ED100-220V | 2.0 | 36 x 24 x 7 |
| ED130-220V | 2.5 | 36 x 24 x 7 |
| ED160-220V | 4.5 | 28 x 28 x 12 |

im pa 59 Electric Angle Grinders - 4 inch to 7 inch

Teryair Electric Angle Grinders are used for continuous heavy duty work for all grinding applications.

Features

- Lightweight for easy manoeuvring.
- Variety of accessories offers multipurpose usage.

Standard equipment included

- Wheel spanner
- Carbon brush handle

Technical data

| AC 110V Single Phase | | | AC 220V Single Phase | | |
|----------------------|------------------|----------|----------------------|------------------|----------------------|
| IMPA Code | Teryair Model No | Wheel mm | IMPA Code | Teryair Model No | Drilling Capacity mm |
| 591021 | AG4E-110V | 100 | 591021 | AG4E-220V | 100 |
| 591022 | AG5E-110V | 125 | 591022 | AG5E-220V | 125 |
| 591023 | AG6E-110V | 150 | 591023 | AG6E-220V | 150 |
| 591024 | AG7E-110V | 180 | 591024 | AG7E-220V | 180 |



AG Series

Package dimensions and weights

| Teryair Model No | Weight Kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| AG4E-110V | 1.5 | 36 x 24 x 7 |
| AG5E-110V | 2.5 | 36 x 24 x 7 |
| AG6E-110V | 4.0 | 36 x 24 x 7 |
| AG7E-110V | 6.0 | 53 x 15 x 18 |
| AG4E-220V | 1.5 | 36 x 24 x 7 |
| AG5E-220V | 2.5 | 36 x 24 x 7 |
| AG6E-220V | 4.0 | 36 x 24 x 7 |
| AG7E-220V | 6.0 | 53 x 15 x 18 |

im pa 59 Electric Needle Scalers - 110V and 220V

Teryair Electric Needle Scalers are rugged tools designed to be easy to use and maintain. They are ideal for removing layers of paint, corrosion and chemical coatings from surfaces. Rotating handle can be fixed at any position to make operation easier.

Features

- Quick change needles.
- Robust and lightweight.

Applications

- Removal of coatings.
- Hold cleaning, general deck and surface cleaning.
- Paint removal of heavy rust on tankers and dry dock applications.
- Tank descaling, descaling of structures prior to painting.
- Other industrial coating removal from floors and other surfaces.
- Weld cleaning.

Technical data

| IMPA Code | 591201 | 591203 |
|---------------------|----------------------------|----------------------------|
| Teryair Model No | ENS100V | ENS200V |
| Power Supply | AC100V 50/60 Hz | AC230V 50/60 Hz |
| Power Consumption W | 900 | 900 |
| Rated Current A | 3.2 | 1.4 |
| Stroke Speed | 3000 min ⁻¹ | 3000 min ⁻¹ |
| Needle | 3mm x 23pcs 2mm x 53pcs | 3mm x 23pcs 2mm x 53pcs |
| Power cord length m | 2 | 2 |

Standard equipment included

| Teryair Model No | Part no. |
|------------------|---------------------------------------|
| ENS100V, ENS200V | 0224045 Needle Supporter 3mm - 1 pc |
| | 0229004OL 3mm x 180mm Needle - 23 pcs |
| | 0224052 Hose nipple -1 pc |
| | 0229039 Allen key - 1 pc |
| | Carbon Brush - 1 pair |
| | Spanner - 1 no. |
| | Allen Key - 1 no. |
| | Universal Industrial Socket - 1 no. |
| | |
| | |



ENS Series

Accessories and spares

See needles on the page 37

Spare Needles for Needle Scalers, suits all brands of Needle Scalers/Jet Chisels

Package dimensions and weights

| Teryair Model No | Weight kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| ENS100V | 10.0 | 48 x 14 x 37 |
| ENS200V | 10.0 | 48 x 14 x 37 |

im pa 59 Rotary Scaling Machines - Electric and Pneumatic

Features - Electric

Teryair Electric Machines are lightweight electric scaling machines for continuous heavy duty use. An ideal unit for derusting and descaling jobs. Portable, fitted with wheels. Furnishable for use with a 110 volt or 220 Volt AC power supply.

Technical data

| IMPA Code | 591217 | 591218 |
|--------------------|-------------|-------------|
| Teryair Model No | TEFD75-110V | TEFD75-220V |
| Voltage | 110V | 220V |
| H. P. | 0.75 | 0.75 |
| kW | 0.55t | 0.55 |
| No load speed r/pm | 3700 | 3700 |
| Weight kgs | 35.0 | 35.0 |

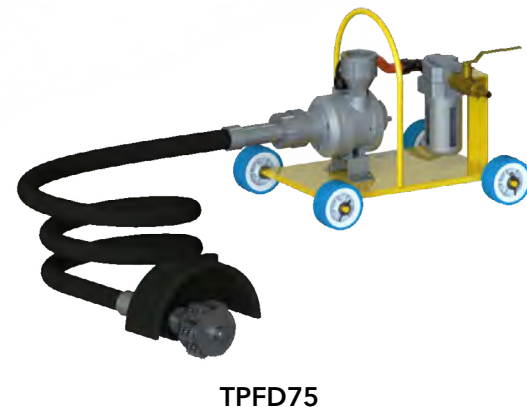


Features - Pneumatic

Teryair Pneumatic Scaling Machines are light and easy to handle, but rigidly constructed tools for efficient heavy duty scaling. Required air pressure is 0.59 Mpa (6 kgf/cm²)

Technical data

| IMPA Code | 591251 |
|---|--------|
| Teryair Model No | TPFD75 |
| Max Air Consumption m ³ /min | 0.8 |
| No load speed rpm | 5000 |
| Weight kgs | 21.0 |



Standard equipment included

| Teryair Model No | Nos |
|------------------|---|
| TEFD75-110V | 59.12.55 No. 1 HD Tool - 1 pc 59.12.60 No. 2 LG Brush - 1 pc 59.12.66 No. 4 HammerHead - 1 pc 59.12.73A Wire Wheel Brush Assembly - 1 pc 34229733 Flexible Shaft 2 meter |
| TEFD75-220V | 59.12.55 No. 1 HD Tool - 1 pc 59.12.60 No. 2 LG Brush - 1 pc 59.12.66 No. 4 HammerHead - 1 pc L12 1/2" Lubricator - 1pc 8059801 Muffler - 1pc 804000 Air Motor Size 4 - 1 pc 3349728 Flexible Shaft 2 meter |

Package dimensions and weights

| Teryair Model No | Weight kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| TEFD75-110V | 40.0 | 44 x 37 x 60 |
| TEFD75-220V | 40.0 | 44 x 37 x 60 |
| TPFD75 | 25.0 | 44 x 37 x 60 |

Accessories and spares

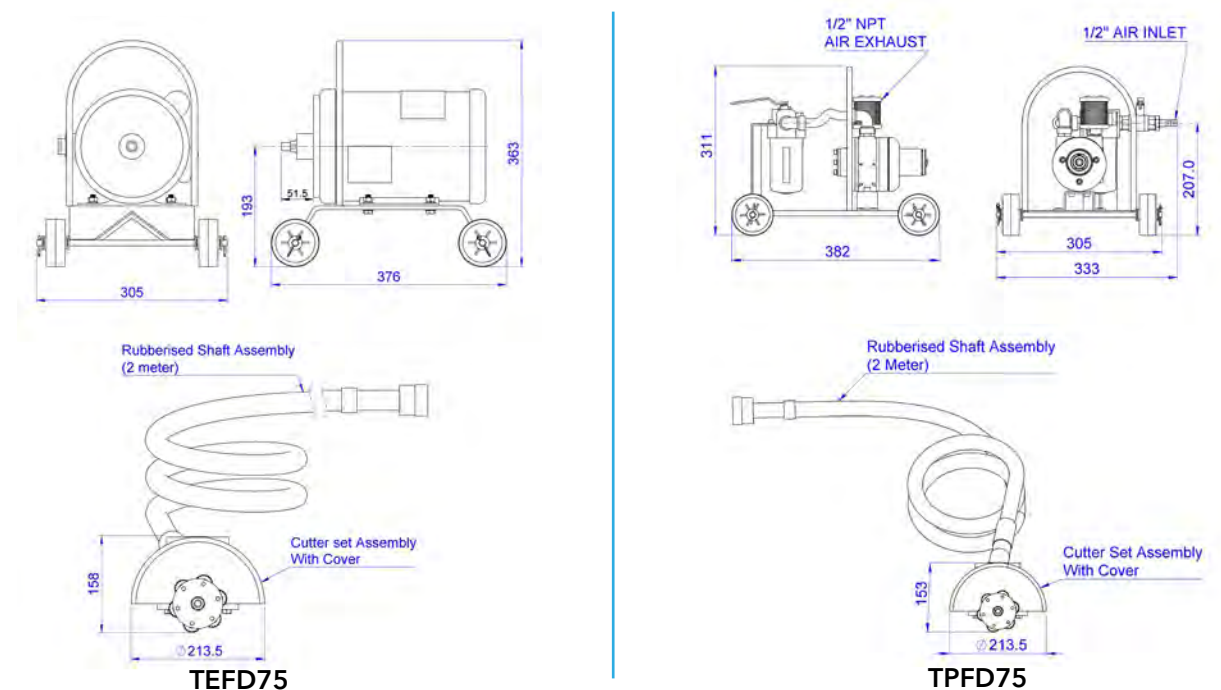
| Image | IMPA Code | Teryair Part No | Description |
|-------|-----------|-----------------|---|
| | 59.12.53 | 3429733 | Flexible Shaft 2 mtr for Electric Descalers |
| | | 3429747 | Flexible Shaft 3 mtr for Electric Descalers |
| | | 3349728 | Flexible Shaft 2 mtr for Pneumatic Descaler |
| | | 3349731 | Flexible Shaft 3 mtr for Pneumatic Descaler |

im pa 59 Rotary Scaling Machines - Electric and Pneumatic

Accessories and spares

| Images | IMPA Code | Description | Illustration | Application |
|--------|-----------|----------------------------|--------------|-----------------|
| | 59.12.55 | No. 1 HD Tool | Assembly | Heavy Rusting |
| | 59.12.56 | No. 1-1 Cutter | 18 pcs/set | For HD Tool |
| | 59.12.57 | No. 1-2 Disc Pin | 6 pcs/set | For HD Tool |
| | 59.12.58 | No. 1-3 Centre Bolts & Nut | Assembly | For HD Tool |
| | 59.12.59 | No. 1-4 Disc | 2 pcs/set | For HD Tool |
| | 59.12.60 | No. 2 LG Brush | Assembly | Light Rusting |
| | 59.12.61 | No. 2-1 LG Blade | 72 pcs/set | For LG Brush |
| | 59.12.62 | No. 2-2 Disc Pin | 6 pcs/set | For LG Brush |
| | 59.12.63 | No. 2-3 Centre Bolts & Nut | Assembly | For LG Brush |
| | 59.12.64 | No. 2-4 Disc | 2 pcs/set | For LG Brush |
| | 59.12.65 | No. 3 Cup Brush | Assembly | Light Rusting |
| | 59.12.66 | No. 4 Hammerhead | Assembly | Wide Rusting |
| | 59.12.67 | No. 4-1 Hammer Blade | 12 pcs/set | For Hammer Head |
| | 59.12.68 | No. 4-2 Disc Pin | 3 pcs/set | For Hammer Head |
| | 59.12.69 | No. 4-3 Center Bolt & Nut | Assembly | For Hammer Head |
| | 59.12.70 | No. 4-4 Disc | 2 pcs/set | For Hammer Head |
| | 59.12.71 | No. 4-5 Collar | Assembly | For Hammer Head |
| | 59.12.72 | Washer | 15 pcs/set | For Hammer Head |
| | 59.12.73 | No. 5 Wire Wheel Brush | | Finishing |
| | 59.12.74 | No. 6 Grindstone | | Grinding |

Dimension drawing



im pa 59 Portable Ventilation Fans - Electric and Pneumatic 200 to 500 mm

Terysair Ventilation Fans are highly efficient and portable. They provide ventilation of gas, paint fumes and other hazardous fumes. These fans' ideal bell mouth type casing is highly efficient, creates little noise and it is easy to install an air duct. Air ducts are available as separate accessories.

Features

- ATEX air motor on pneumatic versions.

Applications

Ventilation fans with flexible ducts are versatile tools that find numerous applications in various industries and settings. Here are some common uses of ventilation fans with flexible ducts:

- **Confined Space Ventilation:** In confined spaces such as tanks, tunnels, or underground areas, ventilation fans with flexible ducts are used to circulate fresh air, ensuring a safe and breathable environment for workers.
- **Industrial Ventilation:** In manufacturing facilities and industrial settings, ventilation fans help remove fumes, dust, and harmful airborne particles, maintaining a clean and safe working environment.
- **Construction Sites:** Ventilation fans are employed at construction sites to remove dust, smoke, and exhaust gasses, improving air quality and worker safety.
- **Disaster Recovery and Cleanup:** During disaster recovery and cleanup operations, ventilation fans with flexible ducts are used to clear out smoke, dust, and debris, aiding in rescue efforts and facilitating safe cleanup processes.



Electric - VF Series

Pneumatic - PVF Series

- **Paint Booth Ventilation:** In automotive and painting industries, ventilation fans are utilized to exhaust paint fumes and maintain proper air circulation within paint booths, ensuring a safe working environment.
- **Event Cooling and Air Circulation:** In outdoor events or temporary structures, ventilation fans are employed to provide cooling and improve air circulation, enhancing the comfort of attendees.
- **Hazardous Material Handling:** In industries dealing with hazardous materials, ventilation fans help control and remove dangerous vapors and fumes to safeguard workers and the environment.
- **Emergency Response:** Ventilation fans are used in emergency response situations, such as firefighting operations, to control smoke and create escape routes for occupants.
- **Mining:** In mining operations, ventilation fans with flexible ducts are utilized to provide fresh air to underground mines, ensuring a safe and breathable environment for miners.

Technical data - Pneumatic

| IMPA Code | Terysair Model No | Case Diameter mm | Capacity m ³ /hr |
|-----------|-------------------|------------------|-----------------------------|
| 591425 | PVF-300 | 305 | 3566 |
| 591426 | PVF-400 | 405 | 8665 |

Standard equipment included

| Terysair Model No | Terysair Model No |
|-------------------|--|
| PVF300 | 8015001, ½" Filter, Regulator, Lubricator Unit - 1pc |
| PVF400 | 8080801 Silencer - 1pc |

Additional Data

| IMPA Code | Terysair Model No | Air Inlet inch | Air inlet supply kg/cm ² | rpm | Weight kgs |
|-----------|-------------------|----------------|-------------------------------------|------|------------|
| 591425 | PVF-300 | ½ BSPP | 6 | 3000 | 9.0 |
| 591426 | PVF-400 | ½ BSPP | 6 | 3600 | 11.0 |

Package dimensions and weights

| Terysair Model No | Weight kgs | Box Dimensions cms |
|-------------------|------------|--------------------|
| PVF300 | 10.0 | 46 x 44 x 44 |
| PVF400 | 12.0 | 52 x 29 x 52 |

im pa 59 Portable Ventilation Fans - Electric and Pneumatic 200 to 500 mm

Technical data - Electric

| IMPA Code | Terysair Model No | Case Dia mm | Phase | IMPA Code | Terysair Model no | Case Dia mm | Phase |
|-------------------|-------------------|-------------|--------|-------------------|-------------------|-------------|--------|
| AC 100 Volt ± 10% | | | | AC 200 Volt ± 10% | | | |
| 591402 | VF200-110V | 200 | Single | 591406 | VF200-220V | 200 | Single |
| | | | | 591407 | VF300-220V | 300 | Single |
| 591403 | VF300-110V | 300 | Single | 591408 | VF400-220V3 | 400 | Triple |
| | | | | 591409 | VF500-220V3 | 500 | Triple |

Additional data

| Terysair Model No | VF200-110V | VF200-220V | VF300-110V | VF300-220V | VF400-220V / 220V3 | VF400-440V | VF500-220V / 220V3 | VF500-440V |
|--------------------------------|------------|------------|------------|------------|--------------------|------------|--------------------|------------|
| Casing Dia mm | 200 | 200 | 300 | 300 | 400 | 400 | 500 | 500 |
| Electric Source | 110V 1P | 220V 1P | 110V 1P | 220V 1P | 220V 1P / 220V 3P | 440V 3P | 220V 1P / 220V 3P | 220V 3P |
| Air Volume m ³ /min | 20 | 20 | 70 | 70 | 110 | 110 | 190 | 190 |
| Pressure mm Aq | 25 | 25 | 25 | 25 | 50 | 50 | 70 | 70 |
| rpm | 3000 | 3600 | 3000 | 3600 | 3000 | 3600 | 3000 | 3600 |
| Output | 0.16 kw | 0.16 kw | 0.55 kw | 0.55 kw | 1.5 kw | 1.5 kw | 3.7 kw | 3.7 kw |
| Weight kgs | 9.5 | 9.5 | 15.0 | 15.0 | 28.0 | 28.0 | 34.5 | 34.5 |

Technical data - Explosion Proof - Electric

| IMPA Code | 591416 | 591417 | 591418 | 591419 |
|--------------------------------|-------------|-------------|-------------|-------------|
| Terysair Model No | SVF200-110V | SVF200-220V | SVF300-110V | SVF300-220V |
| Casing Dia mm | 200 | 200 | 300 | 300 |
| Voltage | AC-100 V | AC-200V | AC-100 V | AC-200V |
| Phase | Single | Single | Single | Single |
| RPM | 3000 | 3600 | 3000 | 3600 |
| Air Volume m ³ /min | 20 | 20 | 70 | 70 |
| Pressure | 25 mm Aq | 25 mm Aq | 30 mm Aq | 30 mm Aq |
| Weight kgs | 13.0 | 13.0 | 17.0 | 17.0 |



Explosion Proof - Electric
SVF Series

Package dimensions and weights

| Terysair Model No | Weight kgs | Box Dimensions cms | Terysair Model No | Weight kgs | Box Dimensions cms |
|-------------------|------------|--------------------|-------------------|------------|--------------------|
| VF300-110V | 17.00 | 43 x 40 x 40 | SVF200-110V | 14.0 | 35 x 29 x 38 |
| VF200-220V | 11.00 | 35 x 29 x 38 | SVF300-110V | 19.0 | 43 x 40 x 40 |
| VF300-220V | 17.00 | 43 x 40 x 40 | SVF200-220V | 14.0 | 35 x 29 x 38 |
| VF400-220V3 | 30.00 | 53 x 50 x 48 | SVF300-220V | 19.0 | 43 x 40 x 40 |
| VF500-220V3 | 37.00 | 64 x 60 x 49 | | | |

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pa 59 Ventilation Tubes

Teryair Flexible Ventilation Tubes are made of PVC tarpaulin canvas. A lightweight, highly flexible duct ideal for improving the efficiency of blowers especially in confined areas. When ordering, Specify type of tube and length required.

Ventilation Tubes

| Part no. | Description |
|----------|--------------------------------|
| 59.14.81 | Ventilation Tube 200mm x 5mtr |
| 59.14.82 | Ventilation Tube 200mm x 10mtr |
| 59.14.83 | Ventilation Tube 300mm x 5mtr |
| 59.14.84 | Ventilation Tube 300mm x 10mtr |
| 59.14.85 | Ventilation Tube 400mm x 5mtr |
| 59.14.86 | Ventilation Tube 400mm x 10mtr |



Electric & Pneumatic
Ventilation Tubes



Electric - Explosion Proof
Ventilation Tubes

Teryair Explosion Proof Ventilation Tubes are made of nylon tarpaulin with earth grip.

Ventilation Tubes

| Part no. | Description |
|----------|---|
| 59.14.21 | Ventilation Tubes for Explosion Proof 200 mm x 5 meter |
| 59.14.22 | Ventilation Tubes for Explosion Proof 300 mm x 5 meter |

im
pa 59 Water Turbine Fans -
300 and 400 mm

Teryair Water Turbine Fans / Water Driven Gas Freeing Fans are designed for ventilation of gasses from large enclosed areas or other tank openings. They work effectively, providing penetration deep into the tank ensuring complete ventilation. Teryair fans are made of a non spark construction with a stainless steel 316 impeller and integral water motor. The components are manufactured from corrosion proof material.

Features

- Precise manufacturing of ss impeller & pelton wheel generates a higher air flow.
- Aluminum blades for durability.

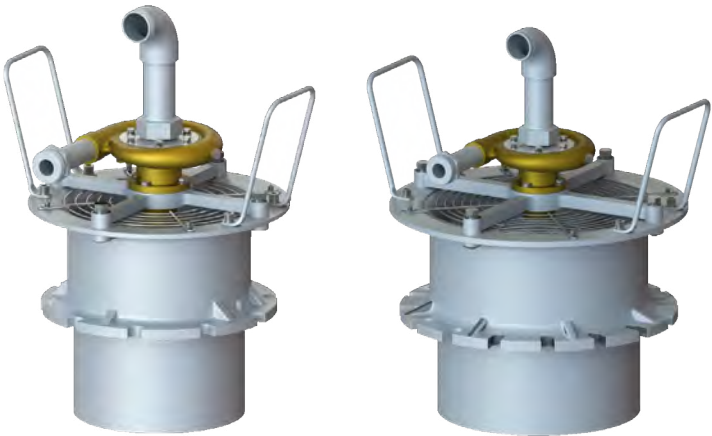
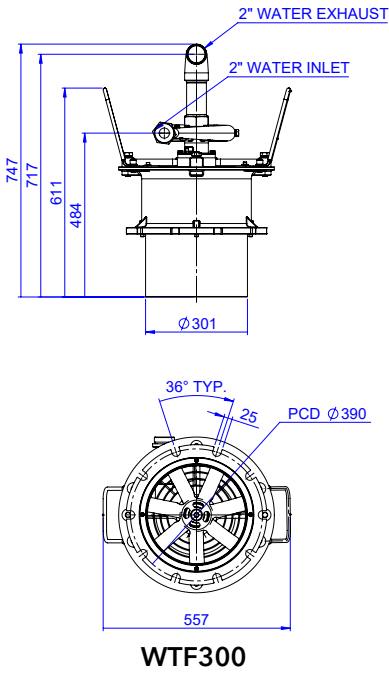
Applications

- High performance ventilation of gasses from large enclosed areas.
- Ventilation of tanks which requires a deep penetration.

Technical data

| | | |
|-------------------------|---------|---------|
| IMPA Code | 591436 | 591437 |
| Teryair Model No | WTF-300 | WTF-400 |
| Outlet Bore Dia mm | 300 | 400 |
| Capacity m³/min | 70-220 | 100-290 |
| Water Pressure kgf/cm² | 1-7 | 1-7 |
| Water Consumption m³/hr | 20-43 | 24-48 |
| Hose Dia mm | 50 | 50 |
| Weight kgs | 26.0 | 40.0 |

Dimension drawing



WTF300

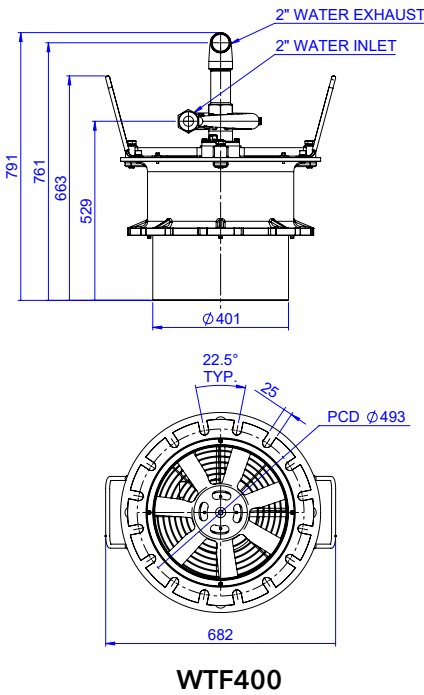
WTF400

Standard equipment included

- 2" BSP (F) x 2" BSP (M) Elbow- 90°, 1 no.
- 2" BSP (M) x 1-1/4" BSP (M) Inlet Pipe, 1 no.
- 2" BSP (F) x 2" BSP (M) Outlet Pipe, 1 no

Package dimensions and weights

| Teryair Model No | Weight kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| WTF-300 | 28.00 | 50 x 48 x 48 |
| WTF-400 | 42.00 | 61 x 61 x 49 |



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Air Driven Fans -
300 and 400mm

Teryair Compressed Air Driven Fans are used for efficient drying and ventilating of large areas in tankers and other vessels. These fans are turbine driven by compressed air.

Features

- ATEX air motor with filter, regulator and lubricator built in.
- Aluminum fan blades for durability.

Applications

- High performance ventilation of gasses from large enclosed areas.
- Ventilation of tanks which requires a deep penetration.

Technical data

| | | |
|------------------------------------|----------|----------|
| IMPA Code | 591446 | 591447 |
| Teryair Model No | PTF-300 | PTF-400 |
| Outlet Bore Dia mm | 300 | 400 |
| Capacity m³/min | 130 | 210 |
| Recommended Air Pressure bar (psi) | 6.2 (90) | 6.2 (90) |
| Air inlet & Outlet inch | 1/2 NPT | 1/2 NPT |
| Hose Dia mm | 50 | 50 |
| Weight kgs | 30.0 | 40.0 |



PTF300

PTF400

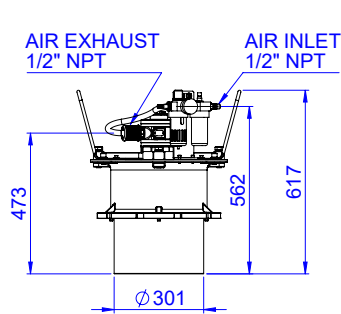
Standard equipment included

| PTF-300 | PTF-400 |
|------------------------------|---------|
| 6VMLALEXR - Air Motor - 1 pc | |
| 8015001 FRL Unit - 1pc | |

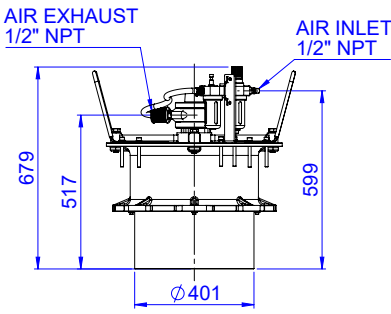
Package dimensions and weights

| Teryair Model No | Weight kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| PTF-300 | 32.0 | 46 x 44 x 44 |
| PTF-400 | 42.0 | 52 x 29 x 52 |

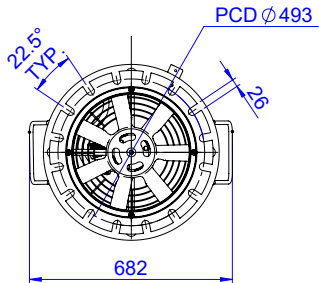
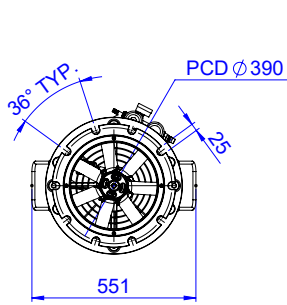
Dimension drawing



PTF300



PTF400



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Pneumatic Diaphragm Pumps, 1/2 inch to 3 inch,
Aluminum, Stainless Steel and Polypropylene

Teryair air operated diaphragm pumps have state of the art features such as lube free anti-stall valves. They offer a wide range of diaphragm options that give you a more practical and budget friendly options. They deliver a top-notch performance. Supported by strong no nonsense warranties and easy pricing on spares, Teryair Metal AODD pumps are quickly gaining market share in many markets. All Teryair AODD pumps are ATEX explosion proof and CE Certified. Our pumps are equivalent in performance to popular brands.

Aluminum Diaphragm Pumps - Applications and Technical Data

Aluminum pumps main feature is their portability due to the light weight to pumping capacity. Ideal for pumping of water and water based fluids. Non aggressive fluids, oily fluids and fluids having low acidic or alkali concentrations are also well handled.

Features

- Handling of viscous fluids, slurries, solid laden fluids and shear sensitive fluids.
- No priming needed.
- Robust construction is conducive to all weather outdoor use.

New Bolted Versions Available From Nov 2023 *



DP12ALX

DP25ALX

DP40ALX

DP50ALX

DP75ALX

| IMPA Code | | 591605 | 591601 | 591602 | 591603 | 591604 |
|---|---------------------------|-------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| Teryair Model No | | DP12ALN | DP25ALN | DP40ALN | DP50ALN | DP75ALN |
| Standard Casing | | Aluminum | | | | |
| Suction Lift | Wet inch | 31 | 31 | 28 | 31 | 31 |
| Air Inlet BSPT/NPT/BSPP | | 1/4" Hose nipple (Barb) | 1/4" | 1/2" | 3/4" | 3/4" |
| Water | Inlet BSPT/NPT/BSPP inch | 1/2 | 1 | 1-½ | 2 | 3 |
| | Female | | | | | |
| | Outlet BSPT/NPT/BSPP inch | 1/2 | 1 | 1-1/4 | 2 | 3 |
| Size | Female | | | | | |
| | Height inch | 9.24 | 11 | 17.4 | 26.3 | 31.9 |
| | Width inch | 4.91 | 10.5 | 15.4 | 15.9 | 17.0 |
| Depth inch | Depth inch | 8.06 | 7.3 | 11.2 | 13.5 | 11.0 |
| Weight Kgs | | 4.00 | 10.0 | 15.0 | 27.0 | 47.0 |
| Air Valve Replacement Kit NPT/BSPT/BSPP | | 1719741 | 1639703/ 1639704/ 1639705 | 1519703/ 1519704/ 1519705 | 2029703/ 2029704/ 2029705 | 2119711/ 2119712/ 2119713 |
| Repair Kit | | 1719752 | 1639706N | 1519706N | 2029706N | 2119710N |

For more information, please download our detailed technical brochure for this product here. [Teryair AODD Pump Family Brochure](#)

See more



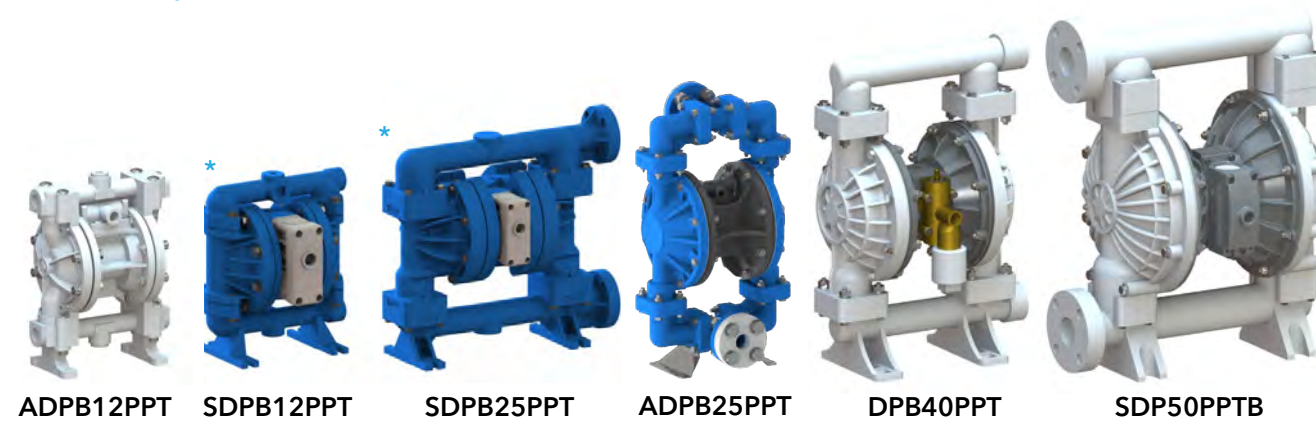
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 Pneumatic Diaphragm Pumps, 1/2 inch to 3 inch,
 Aluminum, Stainless Steel and Polypropylene

Polypropylene Diaphragm Pumps - Applications and Technical Data

Polypropylene pumps or PP pumps are lower in cost to the Stainless Steel pumps and can be a suitable alternative in a majority of the applications. However, in applications which need high temperatures or outdoor rough environments, Stainless Steel is still preferred. These pumps are usually combined with PTFE. With these elastomers, they are ideal for pumping of fluids like benzyl, di-acetone, phosphoric acid, ferric sulfate, isopropyl chloride, transformer oils and many other similar fluids.

These pumps find wide applications across industries, some popular ones being Chemicals, Pharma and Electronic manufacturing.

Technical Specs In Detailed Technical Brochure*



| IMPA Code | | 591611 | 591612 | 591613 | 591614 |
|---|---------------------------|---------------|----------------------------------|----------|-------------|
| Teryair Model No | | ADPB12PPT | ADPB25PPT | DPB40PPT | SDP50PPTB |
| Standard Casing | | Polypropylene | | | |
| Suction Lift | Wet inch | 28 | 29 | 26 | 31 |
| Air Inlet BSPT/NPT/BSPP inch | | 3/8 | 1/4 | 1/2 | 3/4 |
| Water | Inlet BSPT/NPT/BSPP inch | 1/2 | 1 | 1-½ | 2 |
| | | Female | ANSI Flange | Female | ANSI Flange |
| | Outlet BSPT/NPT/BSPP inch | 1/2 | 1 | 1-1/4 | 2 |
| | | Female | ANSI Flange | Female | ANSI Flange |
| Size | Height inch | 8.6 | 14 | 20.8 | 30.3 |
| | Width inch | 8.2 | 11.6 | 15.5 | 19.3 |
| | Depth inch | 8.0 | 9.1 | 11.2 | 13.1 |
| Weight kgs | | 2.70 | 13.00 | 10.55 | 29.00 |
| Air Valve Replacement Kit NPT/BSPT/BSPP | | 1739704 | 6129711/ 6129712/ 6129708/ | 6259737 | 2039701 |
| Repair Kit | | 1739702 | 6129707 | 6259719 | 2039705 |

For more information, please download our detailed technical brochure for this product here.
 [Teryair AODD Pump Family Brochure](#)



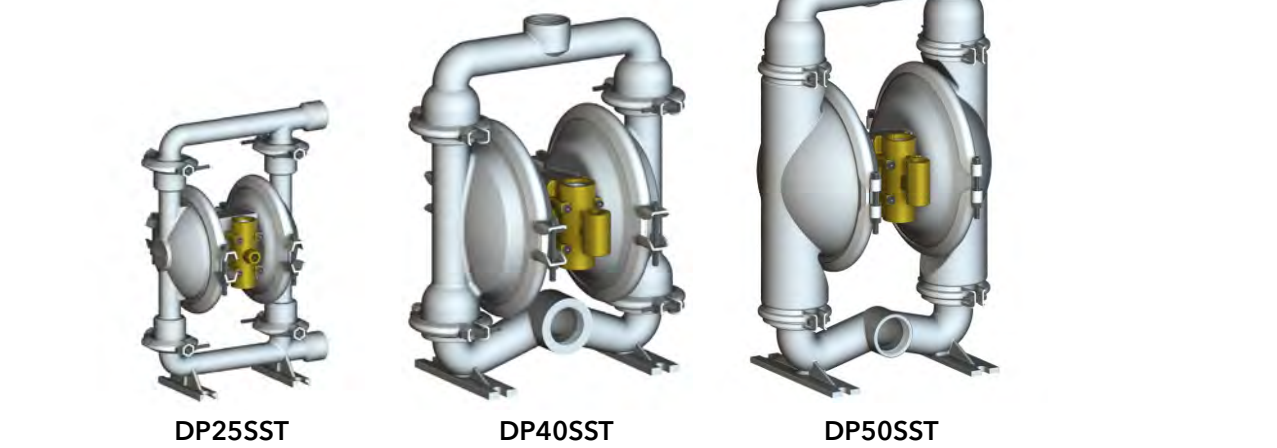
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 Pneumatic Diaphragm Pumps, 1/2 inch to 3 inch,
 Aluminum, Stainless Steel and Polypropylene

Stainless Steel Diaphragm Pumps - Applications and Technical data.

Stainless Steel pumps are used where there is a demand for high pumping performance, combinations of both hot and corrosive fluids, both acidic and alkali. They are the ultimate choice for durable long life performance.

Teryair offers some leading diaphragm materials in combination with these pumps to tackle some of the most difficult pumping applications.

New Bolted Versions Available From Nov 2023*



| IMPA Code | | 591701 | 591703 | 591706 |
|---|--|-----------------------------|-----------------------------|-----------------------------|
| Teryair Model No | | DP25SST | DP40SST | DP50SST |
| Description | | 1" Pump | 1-½" Pump | 2" Pump |
| Central Section Material | | Aluminum | | |
| Connection Thread | | BSPP/NPT/BSPT | BSPP/NPT/BSPT | BSPP/NPT/BSPT |
| Wetted Material | | Stainless Steel | | |
| Seat Material | | Stainless Steel | | |
| Ball Material | | PTFE | | |
| Diaphragm Material | | PTFE | | |
| Max Flow GPM (LPM) | | 33 (125) | 70 (263) | 155 (586) |
| Max Operating Pressure psi (bar) | | 120 (8.3) | 120 (8.3) | 120 (8.3) |
| Max Solids Inches (mm) | | 1/8 (3.2) | 3/16 (4.8) | 1/4 (6.4) |
| Air Inlet NPT/BSPT/BSPP inch | | 1/4 | 1/2 | 3/4 |
| Weight kgs | | 13.60 | 23.20 | 42 |
| Air Valve Replacement Kit NPT/BSPT/BSPP | | 1639703 / 1639704 / 1639705 | 1519703 / 1519704 / 1519705 | 2029703 / 2029704 / 2029705 |
| Repair Kit | | 1639706ST | 1519706ST | 2029706ST |

For more information, please download our detailed technical brochure for this product here.
 [Teryair AODD Pump Family Brochure](#)



Package dimensions and weights

| Teryair Model No | Weight kgs | Box Dimensions cms |
|------------------|------------|--------------------|
|------------------|------------|--------------------|

Aluminum Pump Series

| | | |
|---------|-------|--------------|
| DP12ALN | 5.00 | 23 x 15 x 26 |
| DP25ALN | 11.00 | 32 x 26 x 39 |
| DP40ALN | 17.00 | 38 x 32 x 50 |
| DP50ALN | 29.00 | 43 x 37 x 71 |
| DP75ALN | 50.00 | 50 x 43 x 86 |

Polypropylene Pump Series

| | | |
|-----------|-------|--------------|
| ADPB12PPT | 3.50 | 24 x 17 x 30 |
| ADPB25PPT | 14.00 | 52 x 30 x 57 |
| DPB40PPT | 12.00 | 27 x 36 x 53 |
| SDP50PPTB | 31.00 | 53 x 36 x 71 |

Stainless Steel Pump Series

| | | |
|---------|-------|--------------|
| DP25SST | 16.00 | 34 x 27 x 45 |
| DP40SST | 26.00 | 48 x 32 x 67 |
| DP50SST | 45.00 | 58 x 35 x 82 |

For more information, please download our detailed technical brochure for this product [here](#).

[Teryair AODD Pump Family Brochure](#)

See more



Teryair Pneumatic Sump Pumps / Centrifugal Pumps are used to empty ballast tanks, bilge wells and similar applications. Often used for draining cargo holds during and after the washing procedure. Teryair sump pumps have a small cross-section and hence can be lowered into areas having small access hatches. Especially preferred where an eclectic spark may risk ignition or explosion. Required air pressure is 059 MPa (6 kgf/cm2).

Features

- Will pump down to 22mm will handle up to 3mm solids.
- Governor controlled motor.
- Compact design enables use in restricted areas.

Applications

- Transfer of fluids, usage in sumps for periodic dewatering.
- Emptying ballast tanks, after washing procedure.
- Draining cargo holds during and after the washing procedure.
- Pumping of sea water from bilges, holds, etc.
- Also used in the construction, dewatering and engineering industry.

Technical data

| IMPA Code | Teryair Model No | Capacity | | Max. Air Consumption | Water Hose Size | Air Hose Size | Weight |
|-----------|------------------|--------------|----------------|----------------------|-----------------|---------------|--------|
| | | Total Head m | discharge m³/h | m³/min | inch | inch | kgs |
| 591635 | SP-10 | 25 | 28 | 2.7 | 2 | 3/4 | 21 |
| 591636 | SP-10 | 25 | 28 | 2.7 | 2 | 3/4 | 21 |
| 591637 | SP-25 | 22 | 38 | 3.5 | 2-½ | 3/4 | 32 |

Standard equipment included

| Teryair Model No | Description |
|------------------|---|
| SP-10 | 1999750 Gate Valve - 1 pc 1992109 Discharge Nipple - 1c |
| SP-25 | 1999750 Gate Valve - 1 pc 1902128 Discharge Nipple - 1pc |

Accessories and spares

| |
|------------------------------|
| 1999753 Repair Kit for SP-10 |
|------------------------------|

1909711 Repair Kit for SP-25



SP10

SP25

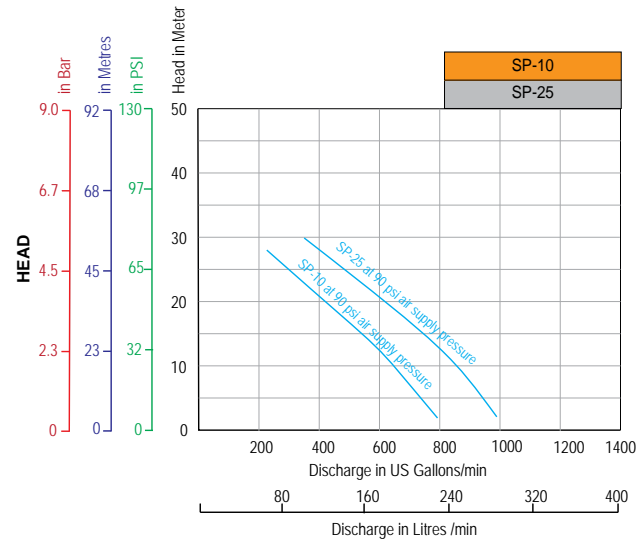
Package dimensions and weights

| Teryair Model No | Weight Kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| SP-10 | 22.0 | 31 x 25 x 45 |
| SP-25 | 32.0 | 10 x 75 x 120 |

im pa 59 Pneumatic Sump Pumps - 2" and 2-1/2"

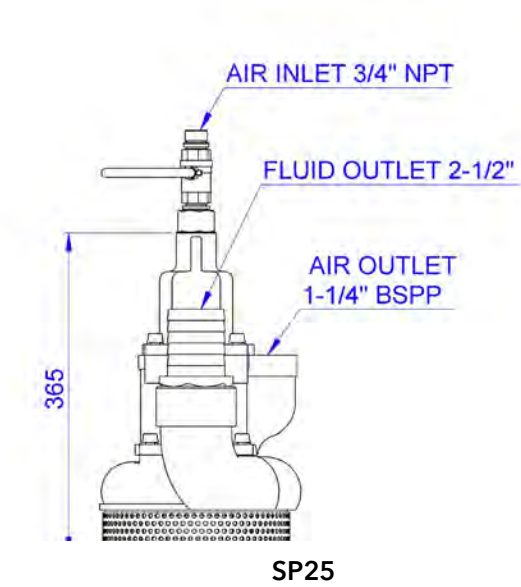
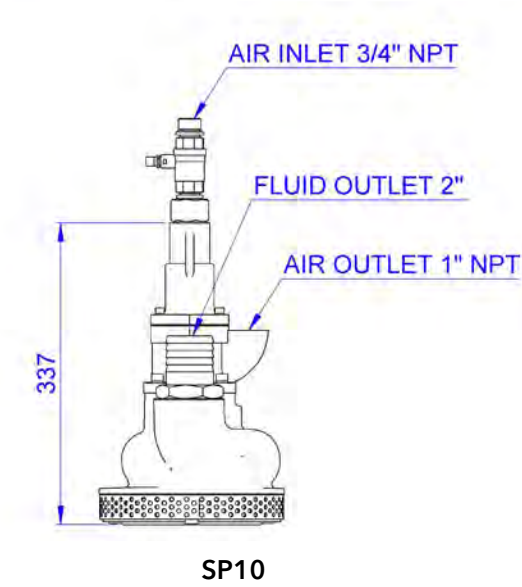
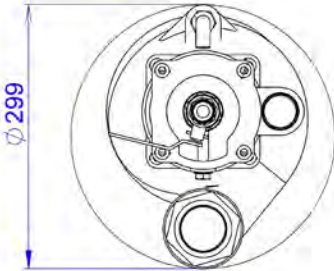
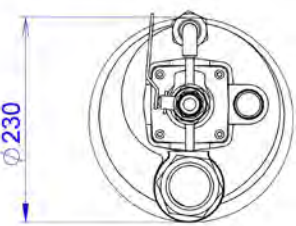
Additional data - Performance graphs

Head vs Discharge at 90 psi air supply pressure.



SP10 / SP25

Dimension drawing



im pa 59 Pneumatic Drum Pump

Teryair Pneumatic Barrel (Drum) Pumps are ideally suited for transferring light oils from barrels. They can be directly inserted into a barrel and screwed onto the bung by means of the provided adaptor. They can be inserted into most barrels and operate over a range of air inlet pressures.

Features

- Bung adaptor fits most barrels.
- Will operate over a range of air inlet pressures.

Applications

- General transfer of fluids out of barrels.

Technical data

| | |
|---|---------------|
| IMPA Code | 591653 |
| Teryair Model No | BP-10 |
| Discharge Pressure kgf/cm ² | 0.55 |
| Hose | 32 mm x 3 mtr |

Standard equipment included

| |
|------------------------------------|
| 2982102 Hose Nipple 1/4" NPT - 1pc |
| 2982108 Hose Nipple 3/4" NPT - 1pc |



BP10

Additional data

| | |
|-------------------------------------|--------------|
| Air Inlet inch | 1/4 NPT |
| Fluid Outlet inch | 3/4 NPT |
| Air Consumption m ³ /min | 0.27 |
| Tube Diameter mm | 55 |
| Air Supply psi | 80-90 |
| External Body | Plated steel |
| Weight kgs | 5.3 |

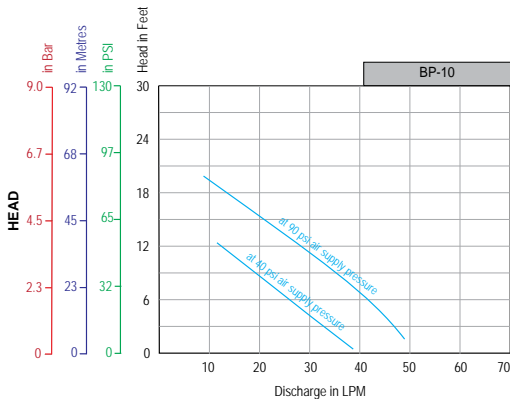
Accessories and spares

| |
|------------------------------|
| 2980014K Repair kit for BP10 |
|------------------------------|

Package dimensions and weights

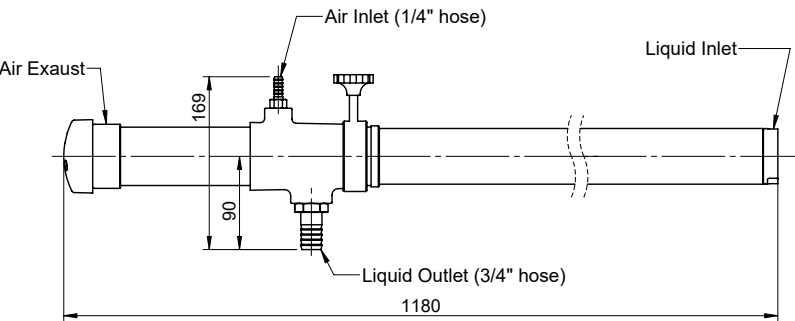
| Teryair Model No | Weight kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| BP-10 | 7.0 | 10 x 7 x 120 |

Performance graphs



BP10

Dimension drawing



im pa 27 Airless Paint Sprayers - Air Powered Type

Teryair Pneumatic Airless Paint Sprayers are used for marine applications, hence have tough fittings. They include specially treated chrome stainless steel rods and cylinders which can withstand heavy wear and tear. They operate over a longer span of time even when used for pumping highly abrasive or corrosive materials.

Features

- Easily replacement filters.
- Consistent spray pressure.
- Easy to adjust output pressure.
- Variety of hose lengths, guns and spray available for Different spray applications.
- Easy to clean and maintain.

Applications

- High - pressure airless spraying machines are intended to use for the spraying of new coatings Or thick - film, heavy - duty anti-corrosive coatings which are difficult to operate.
- This machine is used in industrial departments such as steel structures, ships, automobiles, railway Vehicles and so on.
- Solutions for residential, commercial or Industrial jobs.



PPS04

PPS11

Technical data

| IMPA Code | 270106 | 270107 | 270108 |
|---|----------|--------|--------|
| Teryair Model No | PPS-02 | PPS-04 | PPS-11 |
| Pump Ratio | 23:1 | 30:1 | 40:1 |
| Max flow ratio ltr/min | 2 | 4 | 11 |
| Max Air work pressure MPa (kgf /cm ²) | 0.7 (7) | | |
| Air Consumption N ltr/cycle | 4-5 | 11-14 | 68-75 |
| Weight kgs | 32.00 | 32.00 | 52.50 |
| Air Hose Connection inch | ½ BSPP | ½ BSPP | ½ BSPP |
| Paint Hose connection | ¼" BSP | ¼" BSP | ½" BSP |

Standard equipment included

- 1 Meter paint suction hose.
- 15 Meter paint delivery hose, 6mm id, nylon reinforced, 3300 Psi.
- 1/2" Bsp filter regulator lubricator unit.
- 5 Meter air inlet hose, 16mm id, pvc reinforced, 200 psi .
- Gun complete with tip 517.
- Spare seal kit.
- Maintenance tools kit.
- Frame with wheels.

Package dimensions and weights

| Teryair Model No | Weight Kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| PPS-02 | 35.50 | 56 x 57 x 77 |
| PPS-04 | 35.50 | 56 x 57 x 77 |
| PPS-11 | 59.50 | 65 x 66 x 107 |

im pa 27 Airless Paint Spray Hand Guns

Teryair Airless Paint Spray Hand Guns are available in three sizes.

Technical data

| IMPA Code | 270121 | 270123 |
|-----------------------------|--------------|--------|
| Teryair Model No | HGS03 | HGS2.3 |
| Max work pressure MPa (bar) | 24.8 (248) | |
| Inlet Size | 1/4 NPSM (F) | |
| Orifice Diameter mm | 3.2 | 2.3 |



im pa 27 Airless Paint Spray Pole Guns

Teryair Paint Spray Pole Guns increases comfort, speed, and productivity needed to spray hard to reach areas without using ladders or scaffolding.

Technical data

| IMPA Code | 270126 | 270127 | 270128 |
|------------------|--------------|--------|--------|
| Teryair Model No | PGS-09 | PGS-18 | PGS-24 |
| Length mm | 900 | 1800 | 2400 |
| Inlet Size | 1/4 NPSM (F) | | |

Package dimensions and weights

| Teryair Model No | Weight Kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| PGS-09 | 4.00 | 97 x 13 x 13 |
| PGS-18 | 4.50 | 188 x 13 x 13 |
| PGS-24 | 6.50 | 249 x 13 x 13 |



Pole Guns

im pa 27 High Pressure Nylon Hose

Teryair High pressure Nylon Paint Spray Hoses are made of PVC material which is strengthened with stainless steel braided wire. These hoses are durable but lightweight and flexible.



Technical data

| IMPA Code | Teryair Part No | Length m | ID mm | Work Pressure Max kgf/cm ² | Coupled with |
|-----------|-----------------|----------|-------|---------------------------------------|--------------|
| 270161 | 4590161 | 10 | 6 | 230 | 1/4 NPSM (F) |
| 270162 | 4590162 | 15 | | | |
| 270163 | 4590163 | 20 | | | |
| 270164 | 4590164 | 30 | | | |
| 270165 | 4590165 | 10 | 9 | 230 | 3/8 NPSM (F) |
| 270166 | 4590166 | 15 | | | |
| 270167 | 4590167 | 20 | | | |
| 270168 | 4590168 | 30 | | | |

im pa 27 Paint Stirrers

Paint mixers are used to mix paint, ink, and other coatings. Speed can be adjusted easily depending on the intensity of mixing needed. Pneumatic powered mixers are safe for use in explosive zones. Teryair paint mixers are lightweight and durable machines designed for outdoor environments.

Technical data

| IMPA Code | Teryair Model No | Capacity ltr | rpm | Air Inlet inch |
|-----------|------------------|--------------|-----|----------------|
| 270581 | 27.05.81 | 40 | 500 | 1/4 BSPP |
| 270582 | 27.05.82 | 200 | 500 | 1/4 BSPP |

Package dimensions and weights

| Teryair Model No | Weight Kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| 27.05.81 | 5.00 | 58 x 10 x 9 |
| 27.05.82 | 13.00 | 54 x 42 x 17 |



Paint Stirrers

im pa 27 High-Pressure Airless Spray Tips

Teryair High Pressure Airless Spray Tips improves spraying productivity. Saves time no screwdriver required. Change tip sizes in seconds - without removing the tip guard housing. Locking tab ensures the tip stays securely in guard. For heavy-duty applications. The most common



Technical data

| IMPA Code | Teryair Model No | Tip Model No | Orifice Size inch | Pattern (Fan) Width mm (inch) | Flow Rate GPM | Flow Rate LPM |
|-----------|------------------|--------------|-------------------|----------------------------------|---------------|---------------|
| 270911 | ST 15/4 | 415 | 0.015 | No - 4 203-254 (8-10) | 0.24 | 0.91 |
| 270912 | ST 17/4 | 417 | 0.017 | | 0.31 | 1.17 |
| 270913 | ST 19/4 | 419 | 0.019 | | 0.38 | 1.47 |
| 270914 | ST 21/4 | 421 | 0.021 | | 0.47 | 1.79 |
| 270915 | ST 23/4 | 423 | 0.023 | | 0.57 | 2.15 |
| 270916 | ST 25/4 | 425 | 0.025 | | 0.67 | 2.54 |
| 270921 | ST 13/5 | 513 | 0.013 | No - 5 254 -305 (10 ~ 12) | 0.18 | 0.69 |
| 270922 | ST 15/5 | 515 | 0.015 | | 0.24 | 0.91 |
| 270923 | ST 17/5 | 517 | 0.017 | | 0.31 | 1.17 |
| 270924 | ST 19/5 | 519 | 0.019 | | 0.38 | 1.47 |
| 270925 | ST 21/5 | 521 | 0.021 | | 0.47 | 1.79 |
| 270926 | ST 23/5 | 523 | 0.023 | | 0.57 | 2.15 |
| 270927 | ST 25/5 | 525 | 0.025 | | 0.67 | 2.54 |
| 270931 | ST 13/6 | 613 | 0.013 | No - 6 305 - 356 (12 ~ 14) | 0.18 | 0.69 |
| 270932 | ST 15/6 | 615 | 0.015 | | 0.24 | 0.91 |
| 270933 | ST 17/6 | 617 | 0.017 | | 0.31 | 1.17 |
| 270934 | ST 19/6 | 619 | 0.019 | | 0.38 | 1.47 |
| 270935 | ST 21/6 | 621 | 0.021 | | 0.47 | 1.79 |
| 270936 | ST 23/6 | 623 | 0.023 | | 0.57 | 2.15 |
| 270937 | ST 25/6 | 625 | 0.025 | | 0.67 | 2.54 |

impa 35 Rubber Air Hose

Teryair Rubber Air Hoses are made from superior quality materials. They have multiple braids and have a tough outer layer to tackle abrasion. They are suited for general use and available in different sizes.



Technical data

| IMPA Code | Nominal Size | Actual Size mm | | Braid | Working Pressure kgf/cm ² | Meter per Coil |
|-----------|--------------|-------------------|------|-------|---|----------------|
| | | I.D | O.D | | | |
| 350101 | 6 | 6.3 | 14.5 | 1 B | 15 | 50 |
| 350102 | 9 | 9.5 | 14.5 | | | 50 |
| 350103 | 12 | 12.7 | 17.2 | | | 50 |
| 350104 | 15 | 15.9 | 20.5 | | 10 | 50 |
| 350105 | 19 | 19.0 | 25.0 | | | 50 |
| 350106 | 25 | 25.4 | 38.0 | | | 50 |
| 350107 | 32 | 31.8 | 47.0 | 1 B | 7 | 50 |

impa 35 Water Rubber Hose

Teryair Water Rubber Hoses are high quality hoses designed to withstand being dragged over any surface. They are also resistant to deterioration from weather and sunlight. They are provided with an extra heavy tube cover and cotton duck carcass. Recommended for high pressure service.



Technical data

| IMPA Code | Nominal Size | Actual Size mm | | Braid | Working Pressure bar | Weight Per m/grm | Meter per Coil |
|-----------|--------------|-------------------|------|-------|-------------------------|---------------------|-------------------|
| | | I.D | O.D | | | | |
| 350155 | 25 | 25.4 | 35.5 | 1B | 4 | 760 | 30 |
| 350156 | 32 | 31.8 | 43.0 | | | 1060 | |
| 350158 | 38 | 38.1 | 50.0 | | | 1360 | |

impa 35 Cast Bronze Air Hose Couplings

Teryair Hose Couplings have Female thread connections for use with the ship's male thread air outlet. They are made of cast brass.

Technical data

| IMPA Code | Teryair Model No | Nominal Size mm | Connection Thread |
|-----------|------------------|--------------------|-------------------|
| 350151 | 35.01.51 | 6 | M42 x 2 |
| 350152 | 35.01.52 | 8 | M42 x 2 |
| 350153 | 35.01.53 | 9 | M42 x 2 |
| 350154 | 35.01.54 | 12 | M42 x 2 |
| 350155 | 35.01.55 | 15 | M42 x 2 |
| 350156 | 35.01.56 | 19 | M42 x 2 |
| 350157 | 35.01.57 | 25 | M42 x 2 |

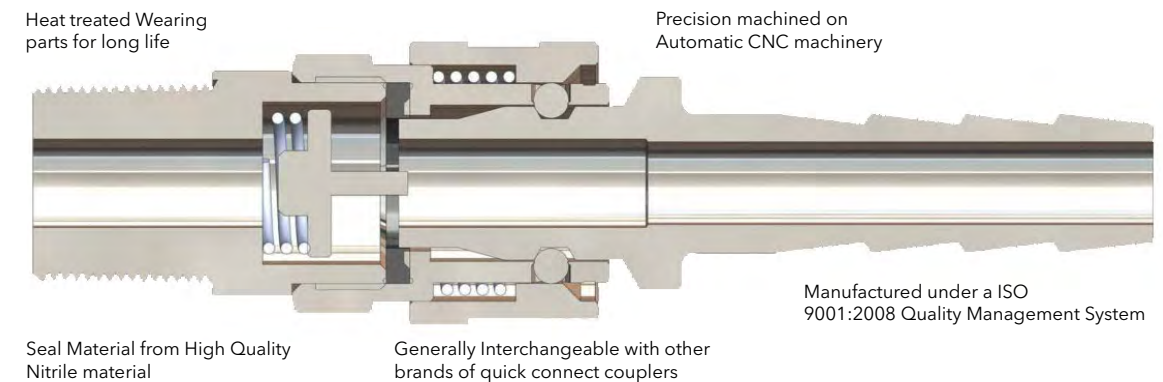


impa 35 Quick Connect Couplers

Teryair manufactures a range of Pneumatic Line couplers in Brass, Stainless Steel and Steel. Fluids such as compressed air and water are compatible with Teryair Quick Connect Couplers. Select Brass, (Code BR) for lower pressure and very frequent connect/disconnect operations. Select SS 304, (Code SS) for use in marine atmosphere and for use with water and compressed air. Select Carbon Steel, (Code CS) for only compressed air operation.

Features

- Precision machined.
- Automatic shut off.
- Hardened wear parts.
- Nitrile rubber seals.



- Flow in CFM through teryair small series couplers are from 40 cfm to 70 cfm at 6 bar pressure.
- Flow in CFM through teryair large series couplers are from 105 cfm to 192 cfm at 6 bar pressure.
- Max pressure allowable in brass is 10 kg/cm².
- Max pressure allowable in steel and SS is 15 kg/cm².
- Flow direction is always from Socket to Plug .
- Generally compatible with other brands of quick connect couplers.

Technical data

Hose End Type

| Hose End Size | Part no. | Steel IMPA Code | Stainless Steel IMPA Code | Brass IMPA Code |
|-------------------------|----------|-----------------|---------------------------|-----------------|
| SH Series Socket | | | | |
| 1/4 | 20 SH | 351201 | 351211 | 351221 |
| 3/8 | 30 SH | 351202 | 351212 | 351222 |
| 1/2 | 40 SH | 351203 | 351213 | 351223 |
| 1/2 | 400 SH | 351204 | 351214 | 351224 |
| 3/4 | 600 SH | 351205 | 351215 | 351215 |
| 1 | 800 SH | 351206 | 351216 | 351226 |
| PH Series Socket | | | | |
| 1/4 | 20 PH | 351231 | 351241 | 351251 |
| 3/8 | 30 PH | 351232 | 351242 | 351252 |
| 1/2 | 40 PH | 351233 | 351243 | 351253 |
| 1/2 | 400 PH | 351234 | 351244 | 351254 |
| 3/4 | 600 PH | 351235 | 351245 | 351255 |
| 1 | 800 PH | 351236 | 351246 | 351256 |



SH Series Socket



PH Series Socket

Male Thread Type

| Hose End Size | Part no. | Steel IMPA Code | Stainless Steel IMPA Code | Brass IMPA Code |
|-------------------------|----------|-----------------|---------------------------|-----------------|
| SM Series Socket | | | | |
| 1/8 | 10 SM | 351301 | 351321 | 351311 |
| 1/4 | 20 SM | 351302 | 351322 | 351312 |
| 3/8 | 30 SM | 351303 | 351323 | 351313 |
| 1/2 | 40 SM | 351304 | 351324 | 351314 |
| 1/2 | 400 SM | 351305 | 351325 | 351315 |
| 3/4 | 600 SM | 351306 | 351326 | 351316 |
| 1 | 800 SM | 351607 | 351327 | 351317 |
| PM Series Socket | | | | |
| 1/8 | 10 PM | 351331 | 351351 | 351341 |
| 1/4 | 20 PM | 351332 | 351352 | 351342 |
| 3/8 | 30 PM | 351333 | 351353 | 351343 |
| 1/2 | 40 PM | 351334 | 351354 | 351344 |
| 1/2 | 400 PM | 351335 | 351355 | 351345 |
| 3/4 | 600 PM | 351336 | 351356 | 351346 |
| 1 | 800 PM | 351337 | 351357 | 351347 |



SM Series Socket



PM Series Socket

Female Thread Type

| Hose End Size | Part no. | Steel IMPA Code | Stainless Steel IMPA Code | Brass IMPA Code |
|-------------------------|----------|-----------------|---------------------------|-----------------|
| SF Series Socket | | | | |
| 1/4 | 20 SF | 351401 | 351421 | 351411 |
| 3/8 | 30 SF | 351402 | 351422 | 351412 |
| 1/2 | 40 SF | 351403 | 351423 | 351413 |
| 1/2 | 400 SF | 351404 | 351424 | 351414 |
| 3/4 | 600 SF | 351405 | 351425 | 351415 |
| 1 | 800 SF | 351406 | 351426 | 351416 |
| PF Series Socket | | | | |
| 1/4 | 20 PF | 351431 | 351451 | 351441 |
| 3/8 | 30 PF | 351432 | 351452 | 351442 |
| 1/2 | 40 PF | 351433 | 351453 | 351443 |
| 1/2 | 400 PF | 351434 | 351454 | 351444 |
| 3/4 | 600 PF | 351435 | 351455 | 351445 |
| 1 | 800 PF | 351436 | 351456 | 351446 |



SF Series Socket



PF Series Socket

Teryair Double End Shut Off Couplers are double path switching type couplers having automatic valve mechanism at both the socket & the plug. Both are sealed instantly on disconnection. A variety of packing materials is permitted according to the type of fluid.



| Hose End Size | Part no. | Steel IMPA Code | Stainless Steel IMPA Code | Hose End Size | Part no. | Steel IMPA Code | Stainless Steel IMPA Code |
|------------------------|----------|-----------------|---------------------------|------------------------|----------|-----------------|---------------------------|
| S Series Socket | | | | P Series Socket | | | |
| 1/8 | 1S | 351501 | 351521 | 1/8 | 1P | 351531 | 351551 |
| 1/4 | 2S | 351502 | 351522 | 1/4 | 2P | 351532 | 351552 |
| 3/8 | 3S | 351503 | 351523 | 3/8 | 3P | 351533 | 351553 |
| 1/2 | 4S | 351504 | 351524 | 1/2 | 4P | 351534 | 351554 |
| 3/4 | 5S | 351505 | 351525 | 3/4 | 5P | 351535 | 351555 |
| 1 | 6S | 351506 | 351526 | 1 | 6P | 351536 | 351556 |
| 1-1/4 | 10S | 351507 | 351527 | 1-1/4 | 10P | 351537 | 351557 |
| 1-1/2 | 12S | 351508 | 351528 | 1-1/2 | 12P | 351538 | 351558 |
| 2 | 16S | 351509 | 351529 | 2 | 16P | 351539 | 351559 |

im pa 35 Line Couplers

Teryair Line Couplers and Star Couplers are used for simultaneous connection of multiple hose to a single air supply source. Available in Steel and Stainless Steel

Technical data - Line Couplers

| IMPA Code | Teryair Part No | Type | Body Mounting | | Accessory Socket |
|-----------|-----------------|------|---------------|----------------|------------------|
| 351653 | 35.16.53 | 200L | 20 SM (¼) x 4 | 400 PM (½) x 1 | 400 SH (½) x 1 |
| | 35.16.53SS | | 40 SM (½) x 1 | | |

Technical data - Star Couplers

| IMPA Code | Teryair Part No | Body Mounting | | Accessory Socket |
|-----------|-----------------|-----------------|--------------------------------------|------------------|
| | | Socket | Plug | |
| 351651 | 35.16.51 | 20 SM (1/4) x 4 | 400 PM (1/2) x 1 400 SH (1/2) x 1 | |
| | 35.16.51SS | 40 SM (1/2) x 1 | | |



im pa 61 Punching Tool Set

Teryair Punching Tool / Table set is ideal for quickly punching holes in gaskets. It is lightweight and easy to handle. It can be easily used on any workbench. The punches are hardened and can be easily re-ground to retain the cutting edge.

Technical data

| IMPA Code | Teryair Part No | Type mm | Body Mounting |
|-----------|-----------------|---------|---|
| 613056 | PX-1 | 6 - 38 | 16 pcs punching dies (6,7,8,9,10,11,12,13,16,19,22,25,28,32,35,38) |



Package dimensions and weights

| Teryair Model No | Weight kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| PX-1 | 11.0 | 24 x 23 x 23 |

Standard accessories

- 16 pcs punching dies
(6,7,8,9,10,11,12,13,16,19,22,25,28,32,35,38)

im pa 61 Grease Lubricators Air Operated

Teryair Grease Lubricators meet the highest standards of quality and come in a powder coated finish with all the external components nickel plated for longer life. They are provided with castors for easy mobility and a swivel arrangement which makes them easily manoeuvrable. The anti-lock pressure plates ensure easy flow of grease.

Technical data

| IMPA Code | 617501 | - | - |
|----------------------------|---------|-------|-------|
| Teryair Model No | GP-20 | GP-25 | GP-50 |
| Pump Ratio | 65:1 | 50:1 | 50:1 |
| Max. Output Pressure MPa | 45.5 | 55.15 | 55.15 |
| Max. Outlet Quantity g/min | 320 | 350 | 350 |
| Grease Capacity kgs | 16 - 18 | 25 | 50 |



GP-50 GP-25 GP-20

Package dimensions and weights

| Teryair Model No | Weight kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| GP-20 | 15.0 | 42 x 42 x 78 |
| GP-25 | 22.0 | 41 x 28 x 91 |
| GP-50 | 38.5 | 65 x 66 x 107 |

im pa 61 Spur-Gear Chain Hoist

Spur-Gear Chain Hoists are made up of specially heat treated and proof tested steel chain hoists equipped with a safety guard. These hoists can be operated at any angle and are equipped with a slip bolt which allows easy replacement of the load chains. The load wheel operates on a precision ball bearing which is sealed with lubrication inside to eliminate the adverse effect of particles and dust on the moving parts. The top, bottom hooks, and the cross head are drop forged and the bottom hook is a swivel type to allow easy turning at the bottom of the load. These hoists have superior working capacities.

Technical data

| IMPA Code | Teryair Model No | Capacity in Tons | Standard Lift m | Required Hand Power kgs | Weight kgs |
|-----------|------------------|------------------|-----------------|-------------------------|------------|
| 615006 | 61.50.06 | 1/2 | 2.5 | 30 | 11.0 |
| 615007 | 61.50.07 | 1 | 2.5 | 35 | 13.0 |
| 615008 | 61.50.08 | 1-1/2 | 2.5 | 38 | 19.0 |
| 615009 | 61.50.09 | 2 | 3 | 39 | 28.0 |
| 615010 | 61.50.10 | 3 | 3 | 45 | 38.0 |

Package dimensions and weights

| Teryair Model No | Weight kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| 61.50.06 | 7.50 | 24 x 23 x 23 |
| 61.50.07 | 7.50 | 24 x 23 x 23 |
| 61.50.08 | 10.5 | 24 x 23 x 23 |
| 61.50.09 | 11.5 | 28 x 28 x 24 |
| 61.50.10 | 20.0 | 36 x 30 x 28 |



im pa 61 Non-Spark Chain Hoist

Non Spark Chain Hoist are specially designed for LNG-LPG vessels and tankers, use in areas that may have exposure to explosion risk. These are made of non sparking copper alloys material except for the gears which are tightly covered by copper alloy casing assuring no-sparking during operation.

Technical data

| IMPA Code | Teryair Model No | Capacity in Tons | Tested Capacity Ton | Weight kgs |
|-----------|------------------|------------------|---------------------|------------|
| 615021 | 61.50.21 | 0.5 | 0.75 | 15.9 |
| 615022 | 61.50.22 | 1 | 1.5 | 35.2 |
| 615023 | 61.50.23 | 2 | 3 | 44.0 |
| 615024 | 61.50.24 | 3 | 4.75 | 65.0 |

Package dimensions and weights

| Teryair Model No | Weight kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| 61.50.21 | 9.50 | 24 x 23 x 23 |
| 61.50.22 | 10.0 | 24 x 23 x 23 |
| 61.50.23 | 18.5 | 24 x 23 x 23 |
| 61.50.24 | 22.5 | 28 x 28 x 24 |



im pa 61 Valve Seat Cutters

Teryair Valve Seat Cutting Tools are easy to use. They are easy to assemble and can handle precision cutting work.

Technical data

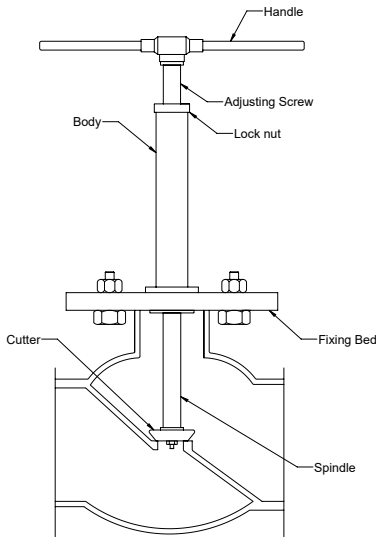
| IMPA Code | Teryair Model No | Description |
|-----------|------------------|---------------------------|
| 633451 | VS-1 | Valve Seat Cutter 1" - 4" |

Standard accessories

- 1",2",3" and 4" cutters.

Package dimensions and weights

| Teryair Model No | Weight kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| VS-1 | 6.0 | 38 x 11 x 9 |



im pa 33 Compressed Air Safety Lights

Teryair Pneumatic Safety Lamps are used for lighting in hazardous areas. Continuous output of high quality general illumination is produced by these lamps by providing suitable air supply.

Applications

- Oil and Petrochemical Industries.
- Tank ships & Tank cleaning & pipeline inspection.



TSL-50AF



TSL-50AB

Technical data

| IMPA Code | 330637 | 330638 |
|------------------------|-----------------------------------|---|
| Teryair Model No | TSL-50AF | TSL-50AB |
| Beam Type | Flood Light | Bay Light (All-around 3600 illumination) |
| Lens | Toughened glass (15mm) | Ball Glass / Plastic Dome |
| Area of Classification | Zones 1 & 2, Gas groups IIA, IIB | |
| Ambient Temperature | -20 °C to +40 °C | |
| Enclosure | Nickel plated brass and gun-metal | |
| Light Source Type | Tungsten Halogen Filament Bulb | |
| Volts | 24 | |
| Watts | 250 | |
| Output lumens | 6000 (at 24 Volt) | |
| Air Pressure bar | 4.0 - 8.0 | |
| Consumption m³/min | 0.75 | |
| Weight kgs | 7.0 | 7.0 |

Standard accessories

- Halogen Bulb

Package dimensions and weights

| Teryair Model No | Weight kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| TSL-50AF | 8.00 | 34 x 30 x 39 |
| TSL-50AB | 8.00 | 34 x 30 x 39 |

Teryair Scupper Plug for sealing the scupper holes for spilled oil or polluted liquids. Easy to use, insert plug in the drain hole and tighten the handle until a slight resistance is felt, the rubber plug will be expanded drain pipe diameter when ordering, referring to the plug application list.



Technical data

Scupper plugs with brass plates

| IMPA Code | Teryair Model No | Dimensions mm | | | | Weight |
|-----------|------------------|---------------|-----|----|-----|--------|
| | | d | D | I | L | kgs |
| 232481 | 23-24-81 | 42 | 65 | 55 | 156 | 0.490 |
| 232482 | 23-24-82 | 49 | 75 | 55 | 156 | 0.490 |
| 232483 | 23-24-83 | 62 | 85 | 65 | 156 | 0.560 |
| 232484 | 23-24-84 | 85 | 110 | 65 | 156 | 0.900 |
| 232485 | 23-24-85 | 90 | 115 | 65 | 156 | 0.950 |
| 232486 | 23-24-86 | 110 | 135 | 65 | 156 | 1.150 |
| 232487 | 23-24-87 | 132 | 160 | 65 | 156 | 1.400 |
| 232488 | 23-24-88 | 165 | 200 | 74 | 156 | 2.158 |

Package dimensions and weights

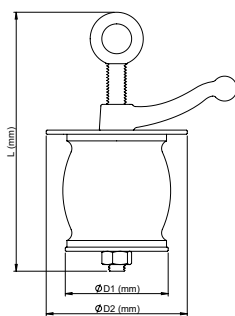
| Teryair Model No | Weight kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| 232481 | 0.7 | 115x90x165 |
| 232482 | 0.7 | 115x90x165 |
| 232483 | 1.0 | 115x90x165 |
| 232484 | 1.2 | 120x120x195 |
| 232485 | 1.3 | 120x120x195 |
| 232486 | 1.5 | 145x145x170 |
| 232487 | 2.0 | 160x160x175 |
| 232488 | 2.5 | 210x210x180 |

Scupper plugs with plastic plates

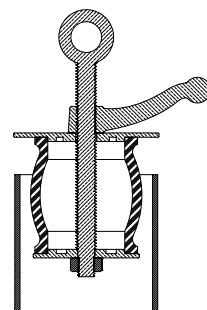
| IMPA Code | Teryair Model No | Dimensions mm | | | | Weight |
|-----------|------------------|---------------|-----|----|-----|--------|
| | | d | D | I | L | kgs |
| 232481 | 23-24-81PB | 42 | 65 | 55 | 156 | 0.400 |
| 232482 | 23-24-82PB | 49 | 75 | 55 | 156 | 0.450 |
| 232483 | 23-24-83PB | 62 | 85 | 65 | 156 | 0.500 |
| 232484 | 23-24-84PB | 85 | 110 | 65 | 156 | 0.600 |
| 232485 | 23-24-85PB | 90 | 115 | 65 | 156 | 0.650 |
| 232486 | 23-24-86PB | 110 | 135 | 65 | 156 | 0.700 |
| 232487 | 23-24-87PB | 132 | 160 | 65 | 156 | 0.800 |
| 232488 | 23-24-88PB | 165 | 200 | 74 | 156 | 1.100 |

Package dimensions and weights

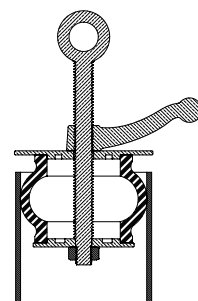
| Teryair Model No | Weight kgs | Box Dimensions cms |
|------------------|------------|--------------------|
| 23-24-81PB | 0.6 | 115x90x165 |
| 23-24-82PB | 0.7 | 115x90x165 |
| 23-24-83PB | 0.7 | 115x90x165 |
| 23-24-84PB | 0.8 | 120x120x195 |
| 23-24-85PB | 0.9 | 120x120x195 |
| 23-24-86PB | 1.1 | 145x145x170 |
| 23-24-87PB | 1.2 | 160x160x175 |
| 23-24-88PB | 1.5 | 210x210x180 |



Dimensional Data



Un expanded in pipe



Expanded in pipe

Conditions & Terms

Technical Data: All drawings, weights, dimensions, descriptions & illustrations in the company's catalogs are approximations only and are merely intended to provide a general description of the products.

Specifications: In spite of our efforts to ensure the accuracy of this catalog at the time of printing, SEP 2023, our policy of continual improvement allows us to change specifications without notice.

Notes



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