

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



N 24



HN 24



N 28



HN 28



SN16PG



SN20ST

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

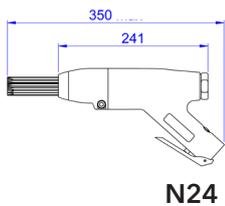
IMPA Code	Teryair Model No	O.A. Length mm	Needles mm	Air Inlet	Air Consumption m ³ /min	Weight kgs
590461	SN16PG	159	2 mm x 29 pcs	M16 x 1.5P	0.15	1.4
590462	SN20ST	245	2 mm x 29 pcs 3 mm x 12 pcs	M16 x 1.5P	0.20	2.4
590463	N24 / HN24	237	2 mm x 53 pcs 3 mm x 23 pcs	M 16 x 1.5P	0.27	2.7
590464	N28 /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

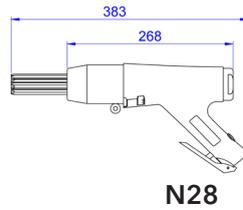
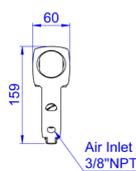
Teryair Model No	Maximum Operating Pressure	Blows Per minute
SN16PG		4000
SN20ST		4000
N24 / HN24	6kg/cm ² (90 psi)	4000
N28 / HN28		4500

Note: N24 and N28 are aluminum polished finished, HN24 and HN28 are painted finishes. Technical performance of polished and yellow painted finish are the same.

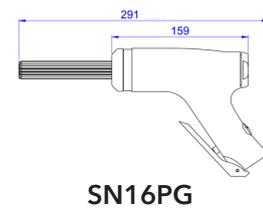
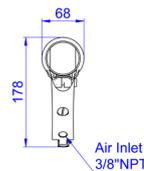
Dimension drawing



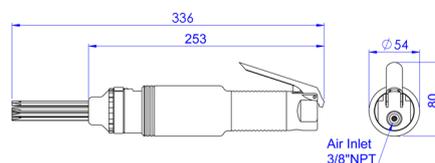
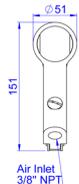
N24



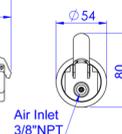
N28



SN16PG



SN20ST



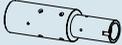
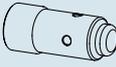
Standard equipment included

N24/HN24	0224052 Hose Nipple
N28/HN28	
SN16PG	
SN20ST	

Accessories and spares

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

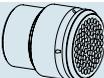
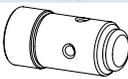
For N24 Needle scaler

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

Accessories and spares

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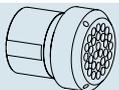
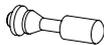
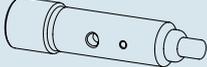
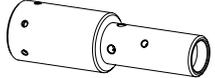
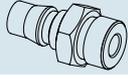
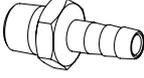
For N28 / HN28 Needle scaler

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

Accessories and spares

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

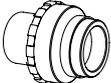
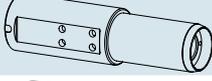
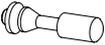
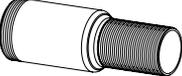
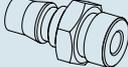
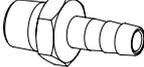
For SN16PG Needle Scaler

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

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		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