

SCALING

Needle Scaler

JET CHISEL

Powerful scaling with multi-needles

- Quickly and efficiently removes weld slag, rust, paint and scale from most surfaces.
- Ideal for cleaning and descaling steel, bridgework, castings, brick, stone and many other materials.
- Heavy-duty construction for industrial and maritime applications.
- Proven superior design features with no internal spring components ensure trouble-free performance (JEX-2800A and JEX-20 have balancing springs)

Model JC-16 €€

• Lightweight model



Model JEX-24 €€

• Universal model



Model JEX-28 €€

• Heavy-duty model



Model JEX-2800A €€

• Reduced vibration model



Specifications		JC-16	JEX-24	JEX-28	JEX-2800A
Model					
Air Pressure	MPa (kg/cm ²)			0.5 (5)	
Air Consumption (No-load)	ml/min	0.15	0.27	0.25	0.42
Strokes per Minute	mm	400	400	400	370
Air Inlet Size			R _{1/8}		
Mass (Weight)	kg	1.4	2.7	3.5	3.3
Accessories Included		<ul style="list-style-type: none"> • 25 pieces of 2 mm x 150 mm Needles (Installed) • 25 pieces of 2 mm x 150 mm Needles • Bushing R 3/8 x NPT 3/8 • Hose Nipple R 3/8 x 3/8 	<ul style="list-style-type: none"> • 23 pieces of 3 mm x 180 mm Needles (Installed) • 6 mm Hex. Socket Screw/Key • Bushing R 3/8 x NPT 3/8 • Hose Nipple R 3/8 x 3/8 	<ul style="list-style-type: none"> • 28 pieces of 3 mm x 180 mm Needles (Installed) • 14 pieces of 4 mm x 180 mm Needles • Needle supporter 4 mm • 6 mm Hex. Socket Screw/Key • Bushing R 3/8 x NPT 3/8 • Hose Nipple R 3/8 x 3/8 	<ul style="list-style-type: none"> • 28 pieces of 3 mm x 180 mm Needles (Installed) • 18 pieces of 4 mm x 180 mm Needles • Needle supporter 4 mm • Bushing R 3/8 x NPT 3/8 • Hose Nipple R 3/8 x 3/8

NEW

Model AJC-16 €€

• Slim model



Model JT-10 €€

• Small and lightweight model



YouTube



Model JT-16 €€

• Small and lightweight model



YouTube



Model JT-20 €€

• Medium duty model



YouTube



Model JEX-20 €€

• Reduced vibration model



Specifications		AJC-16	JT-10	JT-16	JT-20	JEX-20
Model						
Air Pressure	MPa (kg/cm ²)					
Air Consumption (No-load)	ml/min	0.07	0.18	0.16	0.20	0.20
Strokes per Minute	mm	600	560	600	400	400
Air Inlet Size				R _{1/8}		
Mass (Weight)	kg	0.98	0.58	0.60	2.40	2.75
Accessories Included		<ul style="list-style-type: none"> • 3 pieces of 3 mm x 180 mm Needles (Installed) • 3 pieces of 3 mm x 180 mm Needles • Bushing R 3/8 x NPT 3/8 • Hose Nipple R 3/8 x 3/8 	<ul style="list-style-type: none"> • 7 pieces of 1.6 mm x 120 mm Clear/Needles (Installed) • 7 pieces of 1.6 mm x 120 mm Clear/Needles • Air Hose (E-Asily) • Bushing R 1/4 x NPT 1/4 	<ul style="list-style-type: none"> • 6 pieces of 3 mm x 180 mm Needles (Installed) • 6 pieces of 3 mm x 180 mm Needles • Bushing R 3/8 x NPT 3/8 • Hose Nipple R 3/8 x 3/8 	<ul style="list-style-type: none"> • 12 pieces of 3 mm x 180 mm Needles (Installed) • 12 pieces of 3 mm x 180 mm Needles • Bushing R 3/8 x NPT 3/8 • Hose Nipple R 3/8 x 3/8 	<ul style="list-style-type: none"> • 12 pieces of 3 mm x 180 mm Needles (Installed) • 12 pieces of 3 mm x 180 mm Needles • Bushing R 3/8 x NPT 3/8 • Hose Nipple R 3/8 x 3/8

SCALING

Electric Needle Scaler

JET CHISEL

Model **EJC-32A** 



Powerful 300 watt double insulated motor

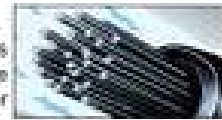
- Extended length, slim barrel design
- Adjustable front handle for operator comfort and convenience

Specifications		EJC-32A	
Model		EJC-32A	
Power Source (Single Phase)	100 - 120 V AC, 50/60 Hz	100 - 120 V AC, 50/60 Hz	220 - 240 V AC, 50/60 Hz
Rated Power Consumption	W	300	300
Rated Current	A	2.8	1.8
Duty Cycle	min	30	30
Strokes per Minute	min	3000	3000
Power Cord Length	m	5	5
Mass Weight	kg	4.5	4.5



Shot Peening Effect

Reinforcement of a welded part with the shot peening effect increases strength by imparting residual stress to the surface of the workplace through the high speed impact of the needles. Highly suitable for effective reinforcement of deteriorated welded parts.



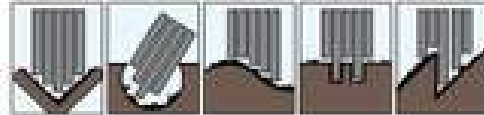
Full Automatic System - Excludes EJC-32A

The only unit of its kind on the market without springs. This means no springs to break...no irregular power...and the advantage of low air consumption.



Self-Adjusting Needles

The needles automatically adjust to any surface contour. They get deep into corners, reach into uneven surfaces, and conform to all types of shapes, making it a tool no shop should be without.



Continuation of Needle and Needle Supporter		Model									
		JC-16	JEX-24	JEX-28	JEX-3000A	JT-10	AJC-16	JT-16	JT-20	JEX-20	EJC-32A
1.6mm	Number of Needles Required	-	-	-	-	7 pcs.	-	-	-	-	-
	Needle Supporter PN	-	-	-	-	TP0246	-	-	-	-	-
2mm	Number of Needles Required	25 pcs.	53 pcs.	85 pcs.	66 pcs.	-	7 pcs.	15 pcs.	20 pcs.	25 pcs.	53 pcs.
	Needle Supporter PN	TP0250	TP0254	TP0249	TP0249	-	TP0210	TP0214	TP0208	TP0216	TP0218
3mm	Number of Needles Required	-	23 pcs.	28 pcs.	28 pcs.	-	3 pcs.	6 pcs.	12 pcs.	17 pcs.	15 pcs.
	Needle Supporter PN	-	TP0245	TP0248	TP0248	-	TP0254	TP0215	TP0207	TP0217	TP0221
4mm	Number of Needles Required	-	-	14 pcs.	14 pcs.	-	-	-	-	-	-
	Needle Supporter PN	-	-	TP0242	TP0242	-	-	-	-	-	-

Material	Needle		Sales Unit	Model										
	Diameter	Length		PN	JC-16	JEX-24	JEX-28	JEX-3000A	JT-10	AJC-16	JT-16	JT-20	JEX-20	EJC-32A
Steel	1.6mm	120mm	TP1008	50 pcs./set					●					
		150mm	TP1003	100 pcs./set	●	●	●	●		●	●	●	●	●
		180mm	TP1004	100 pcs./set	●	●	●	●		●	●	●	●	●
		300mm	TP1007	50 pcs./set	●	●	●	●		●	●	●	●	●
		500mm	TP1000	50 pcs./set	●	●	●	●		●	●	●	●	●
		800mm	TP1005	100 pcs./set		●	●	●		●	●	●	●	●
	3mm	300mm	TP1006	50 pcs./set		●	●	●		●	●	●	●	●
		500mm	TP1001	50 pcs./set		●	●	●		●	●	●	●	●
		800mm	TP1002	50 pcs./set		●	●	●		●	●	●	●	●
		180mm	TP1009	50 pcs./set			●	●						
		300mm	TP1009	50 pcs./set			●	●						
		500mm	TP1002	50 pcs./set			●	●						
New Stainless Steel	1.6mm	120mm	TP1016	25 pcs./set					●					
	120mm	TP1008	50 pcs./set					●						
	2mm	180mm	TP1019	50 pcs./set	●	●	●	●	●	●	●	●	●	
3mm	180mm	TP1017	25 pcs./set		●	●	●		●	●	●	●		



Optional Needles

Premium Nitto Kohki needles out-perform competitors' needles ensuring optimal performance and trouble-free operation.