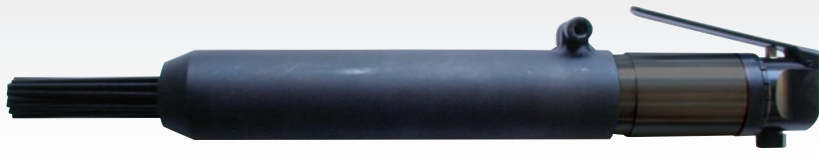


NEEDLE SCALERS

Optimum for removal of slugs, spatters, rough polish of concrete and rock beds.



YC-20



F-25N

Model	Piston Dia. x Stroke mm(in)	Blows Per Min. B.P.M	Load Air Consumption (Approx.) l/min(ft ³ /min)	Overall Length (about) mm(in)	Net Weight kg(lb)	Needle × Pcs. mm	Needle Stroke mm(in)	Needle Length mm(in)	Air Inlet Thread (Pipe Thread) Rc	Air Hose Size mm(in)	Air Pressure MPa(lb/in ²)
YC-20	22×18(7/8×0.7)	4000	150 (5.3)	359 (14.1)	1.85 (4.1)	φ3×12 (φ2×19)	17 (0.7)	180 (7)	1/4	9.5 (3/8)	0.6 (85)
F-25N	25×22(1×0.9)	4000	400 (14.1)	416 (16.4)	2.30 (5.1)	φ3×19 (φ2×35)	9 (0.4)	180 (7)	1/4	9.5 (3/8)	0.6 (85)

Standard accessories: YC-20: 1 hose nipple, Special parts φ2 needle, needle flange for φ2 needle.
F-25N: 1 hose nipple, 1 hexagon wrench, Special parts 1chisel, φ2 needle, needle flange for φ2 needle.

FLUX CHIPPERS

Use for wide variety of chipping work such as removal of iron frame painting, rust, welding burr as well as chipping of stone work, wooden work, and aluminum materials.



F-20



F-20F

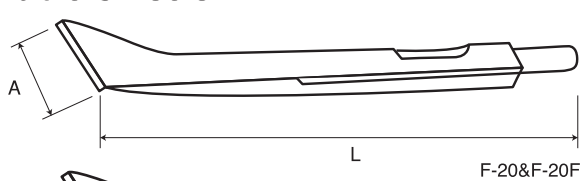


F-25

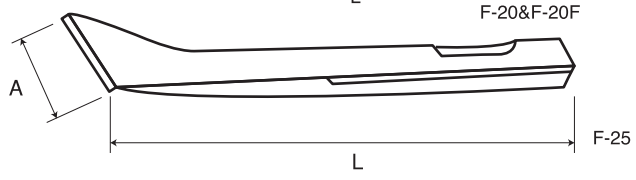
Model	Piston Dia. x Stroke mm(in)	Blows Per Min. B.P.M	Load Air Consumption (Approx.) l/min(ft ³ /min)	Overall Length (about) mm(in)	Net Weight kg(lb)	Air Inlet Thread (Pipe Thread) Rc	Air Hose Size mm(in)	Air Pressure MPa(lb/in ²)
F-20	20×12(25/32×0.5)	12000	140 (4.9)	177 (7.0)	0.80 (1.8)	1/4	9.5 (3/8)	0.6 (85)
F-20F	20×12(25/32×0.5)	12000	150 (5.3)	184 (7.2)	0.90 (2.0)	1/4	9.5 (3/8)	0.6 (85)
F-25	25×22(1×0.9)	4000	400 (14.1)	232 (9.1)	1.70 (3.7)	1/4	9.5 (3/8)	0.6 (85)

Standard accessories: F-20, F-20F: 1 hose nipple. F-25: 1 hose nipple
Optional accessories: Needle attachment (needle shank, φ3 needle 19pcs, φ3 needle flange, spring, needle cover assy.)

Available Chisels



F-20&F-20F



F-25

Model	A mm	L mm
F-20	(9)	(130)
F-20F	25	150 (155)
F-25	25	155, 200, 300, (160)
	35	155

() means straight chisels.