

SYSTEM 1: For Beam Saw NPC280 / DC-PJBF-NPC280

SUPPLY, INSTALLATION AND COMMISSIONING OF INDIVIDUAL DUST EXTRACTION SYSTEM FOR CAPACITY OF 6000–6500 CMH FOR BEAM SAW NPC280



No.	Description	Qty.
1	Centrifugal fan type AXC-HMB-27.5-Arr“A ”, directly driven by 7.5HP/2800 RPM TEFC motor , with backward curved impeller mounted directly on top of dust collector.	1 Set
2	Fan outlet silencer.	1 No
3	High-ratio pulse jet dust collector model AXC-PJBF-28-R-1.5M with automatic reverse pulse jet bag-cleaning arrangement through solenoid-operated pulse diaphragm valves regulated by sequential electronic timer; includes filter bags, cages, pressure regulator, gauge, relief valve and supporting stand.	1 Set
4	Dustbin with trolley for easy disposal of dust.	1 No
5	MS/GI fabricated and powder-coated ducting as per site condition and system layout drawing.	10 m²
6	PVC and PU flexible hose and clamps.	1 Set
7	Duct supports, fasteners, gaskets and sealant.	1 Lot
8	FASD starter.	1 No
9	System design and drawing.	L.S
10	Installation and commissioning charges.	L.S

Supply Components & Visual Reference

Item	Structured Details
Centrifugal fan	<ul style="list-style-type: none"> • Model AXC-HMB-27.5-Arr“A”. • Capacity 6000–6500 CMH. • Static pressure 225–250 mm WG at 20°C. • 7.5 HP/2P TEFC squirrel cage induction motor.
Pulse jet bag filter	<ul style="list-style-type: none"> • Model AXC-PJBF-28-R-1.5M. • Reverse pulse jet automatic filter bag cleaning provision. • Overall size 1400(L) x 1400(W) x 3800(H) mm. • Filter bag Ø140 x 1500 mm long x 28 nos. (18.2 m²). • Polyester non-woven needle felt in QPE (IND) PE551+AS with PTFE coating. • 1½” pulse diaphragm solenoid valves, 2 nos.

Images

Visual Reference 1



Visual Reference 2



Visual Reference 3

