

TECHNICAL DATA SHEET - 1 HP BLOWER

Sr. No.	Specification	Details
1.	Blower Make & type	Zed Plus Blower Systems
3.	Blower Model	ZP – M 45 ES
5.	Qty.	01 Nos.
6.	Capacity	145 m ³ /hr
7.	Differential Pressure	100 mbar
8.	Inlet Pressure	Atmospheric
9.	Blower Speed	1680 RPM.
10.	Power Consumption	0.72 BHP
11.	Motor Rating	1 HP/1440 RPM
12.	Inlet Temperature	Atmospheric
13.	Outlet Temperature	45° C rise above atmospheric
14.	Power Transmission	Through "V-Belt"
15.	Inlet, Outlet Size	40 NB (mm)
16.	Lob Under Blowers	Twin lob
17.	Lubrication	Both side oil lubrication

Material of constructions		Details
01	Casing, End Cover & Rotor	CIFG-260, IS:210
02	Shaft	EN –19, BS: 970
03	Gears	SPUR GEAR (Hardened & Ground) – Make "Shanti Gear"
04	Side plates, Covers & Pulley	CIFG-260, IS:210
05	Sealing	Lip Seal
06	Flanges	As per IS 6392/6418 standard
07	Noise Level	Below 70 DB
08	Driven	Belt Driven- NECO/ECO Belt Make
09	Bearing	FAG/SKF Make

Standard accessories supplied with the blower

Suction Silencer
Pressure Relief Valve, pressure gauge
Slide Rail Type Common Base Frame for Blower and Motor
V-Belt & Belt Guard, Suction Filter- 1 Pcs
Inlet Outlet Pipeline
Foundation Bolt
Drive & Driven Pulley
Non return valve with 2 round flanges

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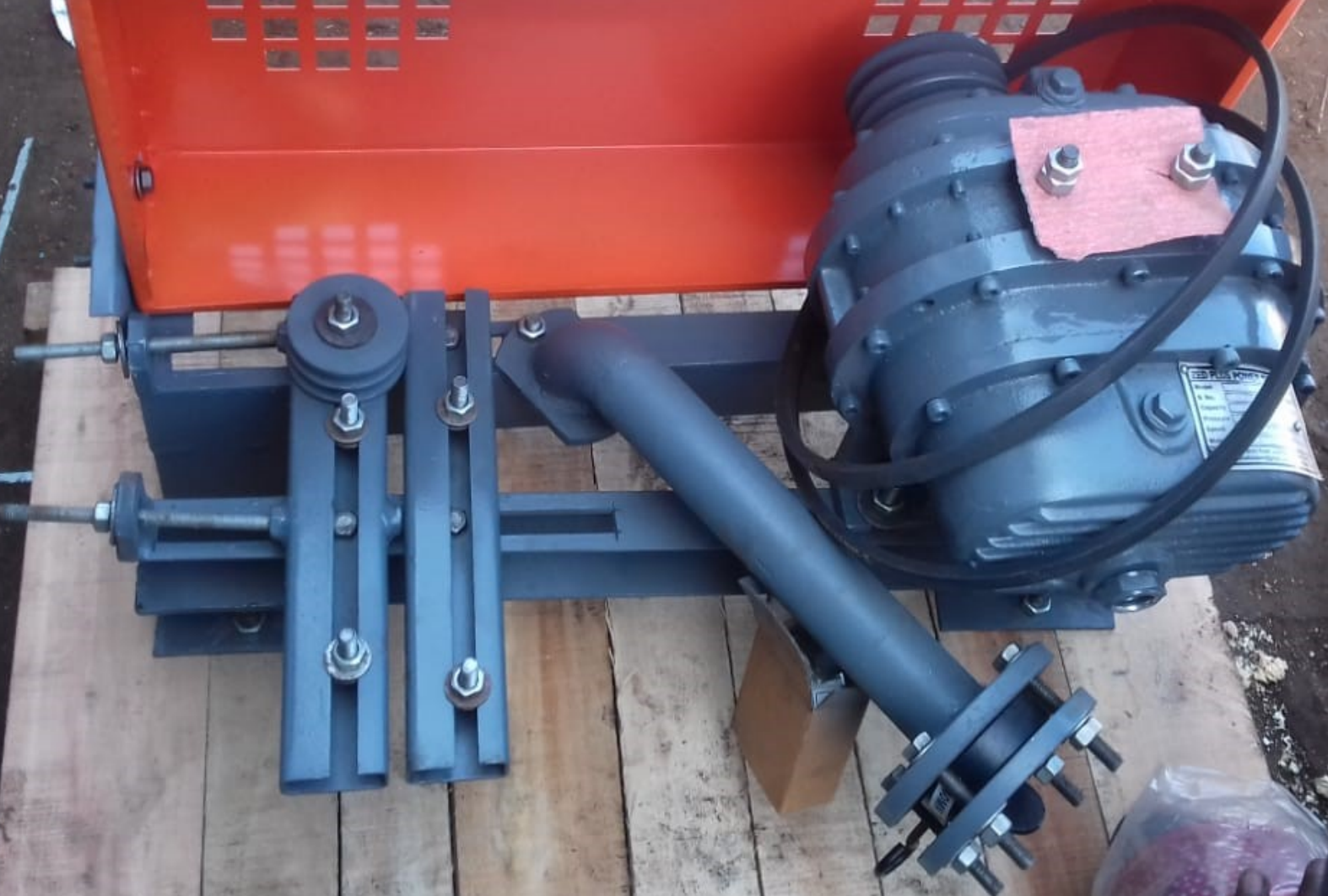
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