



GLI-CLEAN

... for WEAVING



Lakshmi Precision Technologies Limited (formerly known as Lakshmi Precision Tools Limited) is an ISO 9001, ISO 14001, ISO 45001 and 5s Certified company established in 1983. Headquartered in Coimbatore, India, the city known for textile machinery and manufacturing; LPT is associated with Lakshmi Machine Works Ltd (LMW), a world leader in textile machinery.

From inception, LPT has built renown in precision manufacturing of engineering & Medical components. Apart from this, LPT is a leading manufacturer of Speed Frame Flyers, Semi- Automatic Ring Frame Doffers, critical textile machinery components and its sub-assemblies.

Experience and consequent realization through R&D, enable us to build almost perfect systems in Weaving mills. With the system designation GLI-CLEAN P4 developed especially for weaving which is equipped with fan motors of 4 kw of installed performance. Yarn and Warp are increasingly stressed due to significantly higher running speeds.

This leads to a considerable increase in abrasion and in consequence to a dramatic accumulation of dust and fly in weaving shed. Our product, arising from the greater efficiency of the nozzle, is the ability to reach what may be described as inaccessible places.



Special Features

- Decreasing thread breakage.
- Less accumulation of fly on the fabrics.
- Increase in Productivity due to less maintenance.
- Lower expenditure for repairs and maintenance.
- Large surface fine filters ensure a constant efficiency.
- Flexible nozzle arrangement.



Technical Specification

PARAMETERS	GLI-CLEAN B2	GLI-CLEAN P3	GLI-CLEAN P4
Fan Motor, kW	1.5, 3Φ, 415 V	2.2, 3Φ, 415 V	4, 3Φ, 415 V
Drive Motor, kW	-	0.15, 3Φ, 415 V	0.15, 3Φ, 415 V
Traveling Speed, m/min	12	8/12/16/19	12/16
Air Volume, m 3 / hr	2350	2550	3350
Suction Pressure, mm Wg	225	240	300
Suction Hoses, Nos.	4 x Ø100 mm	4 x Ø100 mm	4 x Ø100 mm
Blowing Hoses, Nos.	2 x Ø125 mm	2 x Ø125 mm	16 x Ø75 mm
Filter Area, m 2	0.22	0.15	0.15
Stopping, Discharging & Reverse operation	Mechanical control	Mechanical/Electronic controlled	
Traveling Path	Straight line	Straight line / Curved / Circular	
Waste collection	Manual/CWCS		



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