

MAIN SPECIFICATION:

OPERATION INFORMATION	<u>:</u>	
No. Of Deburring Hea	ad	2 Nos.
Maximum Job Width		100 mm
Minimum Job Height		50 mm
Deburring Wheel Spe	eed	300 to 3000 RPM.
Drum Rotation Speed		50-300 RPM
Conveyor Speed	*	1-9 meter/ minute
Conveyor Width		100mm
Deburring Wheel OD	***************************************	150mm
Deburring Brisel Heig	tht	18 to 25 mm
CONVEYOR BELT INFORMA	ATION:	
Machine Convy. 1 Be	elt Size	100 W x 5875 L mm
Machine Convy.2 Bel	lt Size	100 W x 4800 L mm
Job Rev.Convy. Belt	Size :	100 W x 1015 L mm
Inlet Conveyor Belt S	ize	100 W x 2290 L mm
Outlet Conveyor Belt	Size	100 W x 2290 L mm
OTHER RELATED INFORMA	TION:	
Floor To machine Bel	lt Top	1100 mm
Deburring Brush Hea	d up/down	Motorized
No of Deburring Brus		4 brushes per Head.
No Of Exhaust Ports		1 No
Exhaust Port Size		200mm.
Air Requirement		NIL
OTHER SPECIFICATIONS:		
Country of origin		INDIA
Serial no	<u> </u>	2103
Year of manufacturing	g	2013
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FEATURES:

Job Inward in the machine by Inlet Conveyor. Job reversal from 1st machine conveyor to 2nd Machine Conveyor automatic by rotary job reverse Arrangement.

Job Outward from the machine by outlet conveyor.

Independent motor control.

Safety guard with Interlock.

Easy manual setting of Deburring Brush Height.

Coolant Filtration system.

Mist collector.

Job Holding by Magnet below job conveyor.

Demagnetizer.

PLC control.

Inbuilt clockwise / anticlockwise arrangement for Deburring Brush of Each Head.



MACHINE DATA SHEET

MACHINE NAME : MACHINE DIMENSIONS:	DEBURRING MACHINE	
Weight:		
Length/Width/Height:		4100 x 3000 x 2750 mm
Foot Print(Length x Width) SHIPPING DIMENSSIONS:		3000 x 1400 mm.
		OO ET OONTAINED
Type Content		20 FT CONTAINER
Weight		MACHINE & PARTS
Length/Width/Height		
ELECTRICAL:		
Switch		M-1- 0-/0// 0- // 1
Switch AMP.		Main On/Off Switch
Switch Voltage		32 AMP -
Cable Required		400 V AC
MOTORS:		10 sq.mm
DEBURRING HEAD:		
Type		TEEC In describer
Horsepower		TEFC Induction
Voltage		4 KW x 2 NOS
÷ Phase		400 Volts
Amps		Three
Speed		7.5 A
Cycle		2880 RPM
		50 Hz
No of speeds Power Transfer		Variable
Drive		1:1
		Direct Timing pulley.
Bearings DRUM ROTATION HEAD		Sealed And Lubricated
		TEROLL
Type	7-1	TEFC Induction
Horsepower Voltage		1.5 KW x 2 NOS
Voltage Phase		400 Volts
		Three
Amps		3 A
Speed	P806-0	1440 RPM
Cycle		50 Hz
No of speeds Power Transfer	***************************************	Variable
Drive		5:1
		Direct Timing pulley.
Bearings		Sealed and Lubricated
CONVEYOR:		
Туре		TEEC look attack
Horsepower		TEFC Induction
		0.75KW x 2NOS
Voltage		400 Volts
Phase		Three
Amps		1.5 A
Speed		1440 RPM
Cycle		50 Hz
No of speeds	\	Variable
Power Transfer		Gear Box 80:1
Bearings		Sealed and Lubricated



JOB F	REVERSAL CONV	EYOR BELT:	
	Туре		TEFC Induction
	Horsepower		0.18KW x 1 NO
	Voltage		400 Volts
	Phase	*	Three
	Amps	***************************************	0.8 A
	Speed		1440 RPM
	Cycle		50 Hz
	No of speeds		Variable
	Power Transfer		Gear Box 80:1
	Bearings		Sealed And Lubricated
INEL	T JOB CONVEYO	OR:	
	Туре		TEFC Induction
	Horsepower		0.18 KW x 1 NO
	Voltage		400 Volts
	Phase		Three
	Amps		0.8A
· ·	Speed		1440 RPM
	Cycle		50 Hz
	No of speeds		Single
	Power Transfer	· · · · · · · · · · · · · · · · · · ·	Gear Box 28:1
	Bearings		Sealed And Lubricated
OUTE	LT JOB CONVE	YOR:	Sealed And Eddingated
	Type		TEFC Induction
	Horsepower		0.18 KW x 1 NO
	Voltage		400 Volts
	Phase	u	Three
	Amps		0.8A
	Speed		1440 RPM
	Cycle		50 Hz
	No of speeds		Single
•	Power Transfer		Gear Box 20:1
	Bearings		
	Doarings		Sealed And Lubricated
MIST (COLLECTOR MOT	OR:	
	Туре	***************************************	TEFC Induction
	Horsepower		1.2 KW x 1 NO
	Voltage	8406	400 Volts
	Phase		Three
	Amps		2.2 A
	Speed		2880 RPM
	Cycle		50 Hz
	No of speeds		Single
	Power Transfer		Direct
	Bearings		Sealed And Lubricated



COOLANT SYSTEM:

Coola	nt Motor:		
	Type		TEFC Induction
	Horsepower		0.56 KW x 1 NO
	Voltage		400 Volts
	Phase		Three
	Amps		0.6 A
	Speed		1440 RPM
	Cycle		50 Hz
	No of speeds	**	Single
	Power Transfer	48545555555555555555555555555555555555	Direct
	Bearings		Sealed And Lubricated
Coola	nt Transfer Mot	or:	
	Туре		TEFC Induction
	Horsepower		0.18 KW x 1 NO
	Voltage		400 Volts
	Phase		Three
	Amps		0.6 A
	Speed		1440 RPM
•	Cycle	W	50 Hz
	No of speeds		Single
	Power Transfer		Direct
	Bearings		Sealed And Lubricated
	Dearings		Sealed And Lubricated
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Paper	Conveyor Moto	r: 	TEEC Industion
Paper	Type	r: 	TEFC Induction
Paper	Type Horsepower	r: 	0.18 KW x 1 NO
Paper	Type Horsepower Voltage	r: 	0.18 KW x 1 NO 400 Volts
Paper	Type Horsepower Voltage Phase	r:	0.18 KW x 1 NO 400 Volts Three
Paper	Type Horsepower Voltage Phase Amps	r:	0.18 KW x 1 NO 400 Volts Three 0.7 A
Paper	Type Horsepower Voltage Phase Amps Speed	r:	0.18 KW x 1 NO 400 Volts Three 0.7 A 1440 RPM
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	Type Horsepower Voltage Phase Amps Speed Cycle No of speeds Power Transfer Bearings etic Separator M Type		0.18 KW x 1 NO 400 Volts Three 0.7 A 1440 RPM 50 Hz Single Gear Box Sealed And Lubricated
	Type Horsepower Voltage Phase Amps Speed Cycle No of speeds Power Transfer Bearings etic Separator M Type Horsepower		0.18 KW x 1 NO 400 Volts Three 0.7 A 1440 RPM 50 Hz Single Gear Box Sealed And Lubricated TEFC Induction 0.18 KW x 1 NO
	Type Horsepower Voltage Phase Amps Speed Cycle No of speeds Power Transfer Bearings etic Separator M Type Horsepower Voltage		0.18 KW x 1 NO 400 Volts Three 0.7 A 1440 RPM 50 Hz Single Gear Box Sealed And Lubricated TEFC Induction 0.18 KW x 1 NO 400 Volts
	Type Horsepower Voltage Phase Amps Speed Cycle No of speeds Power Transfer Bearings etic Separator M Type Horsepower Voltage Phase		0.18 KW x 1 NO 400 Volts Three 0.7 A 1440 RPM 50 Hz Single Gear Box Sealed And Lubricated TEFC Induction 0.18 KW x 1 NO 400 Volts Three
	Type Horsepower Voltage Phase Amps Speed Cycle No of speeds Power Transfer Bearings etic Separator M Type Horsepower Voltage Phase Amps		0.18 KW x 1 NO 400 Volts Three 0.7 A 1440 RPM 50 Hz Single Gear Box Sealed And Lubricated TEFC Induction 0.18 KW x 1 NO 400 Volts Three 0.7 A
	Type Horsepower Voltage Phase Amps Speed Cycle No of speeds Power Transfer Bearings etic Separator M Type Horsepower Voltage Phase Amps Speed		0.18 KW x 1 NO 400 Volts Three 0.7 A 1440 RPM 50 Hz Single Gear Box Sealed And Lubricated TEFC Induction 0.18 KW x 1 NO 400 Volts Three 0.7 A 1440 RPM
	Type Horsepower Voltage Phase Amps Speed Cycle No of speeds Power Transfer Bearings etic Separator M Type Horsepower Voltage Phase Amps Speed Cycle		0.18 KW x 1 NO 400 Volts Three 0.7 A 1440 RPM 50 Hz Single Gear Box Sealed And Lubricated TEFC Induction 0.18 KW x 1 NO 400 Volts Three 0.7 A 1440 RPM 50 Hz
	Type Horsepower Voltage Phase Amps Speed Cycle No of speeds Power Transfer Bearings Ptic Separator M Type Horsepower Voltage Phase Amps Speed Cycle No of speeds		0.18 KW x 1 NO 400 Volts Three 0.7 A 1440 RPM 50 Hz Single Gear Box Sealed And Lubricated TEFC Induction 0.18 KW x 1 NO 400 Volts Three 0.7 A 1440 RPM
	Type Horsepower Voltage Phase Amps Speed Cycle No of speeds Power Transfer Bearings etic Separator M Type Horsepower Voltage Phase Amps Speed Cycle No of speeds Power Transfer		0.18 KW x 1 NO 400 Volts Three 0.7 A 1440 RPM 50 Hz Single Gear Box Sealed And Lubricated TEFC Induction 0.18 KW x 1 NO 400 Volts Three 0.7 A 1440 RPM 50 Hz
	Type Horsepower Voltage Phase Amps Speed Cycle No of speeds Power Transfer Bearings Ptic Separator M Type Horsepower Voltage Phase Amps Speed Cycle No of speeds		0.18 KW x 1 NO 400 Volts Three 0.7 A 1440 RPM 50 Hz Single Gear Box Sealed And Lubricated TEFC Induction 0.18 KW x 1 NO 400 Volts Three 0.7 A 1440 RPM 50 Hz Single