



MICRO POWDER TECH

LARGE SCALE PRODUCTION PACKAGE 400-500Kg./Hr. (TECHNICAL SPECIFICATION)

TECHNICAL DATA		
<u>Premixer High Speed Batch Mixer</u>		
Model		SS-200
Main Drive	KW	15
Vessel material		Stainless Steel
Vessel Volume	LTRS	450.
Batch Capacity	KG/BATCH	200
Control Panel Board		Small Control Unit with Star Delta Starter and Digital Timer
<u>Twin Screw ExtruderMPT-65PC</u>		
Product/Model		Twin Screw Extruder MPT-65 PC
Capacity	Kg. / Hr.	400 - 500
Extruder	Type	Twin Screw
Model		MPT-65 PC
L / D		17:1
Screw Dia.	MM	65
Screw speed	RPM	0-400
Main Motor Power	KW	37.5 KW
Motor Make		ABB/ C&G/ BHARAT BIJLI
Drive type		AC frequency drive
Drive Make		Schneider
Heating power	KW	8
Heating Type		Cartridge heaters
No of heating/cooling zones		3 zone
Water Pump	KW	0.75
Lubrication Pump	KW	0.18
CHW flow rate	LPM	62
Screw shaft		Hexagonal section hard chrome
Barrel		Split type opening, Segmented liner insert.
Vol Screw Feeder		Speed variable screw feeder
Gear box		High efficiency, forced lubrication with cooling arrangement
<u>Volumetric Feeder with Hopper</u>		
Capacity	Kg. / Hr.	30-700
Feeder Motor	KW	1.5
Motor Make		ABB, C&G
Drive type		AC frequency drive
Drive Make		Schneider
Volume of Hopper	Ltrs.	65



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Controls & Instrumentation		
PID Control		PID Controlled 3 Nos.
Speed		AC frequency drive
Temperature		PID Digital temp.
Control voltage	Volt	400-420
Frequency	Hz	50
Drive temp.		Frequency drive internal feature
Display provided in panel		
Motor speed		Screw Digital RPM Meter
Current Main Motor		AMP. Digital Meter
Power		3Phase indicator, Volt meter
Hour counter		Analogue
Feeder		Screw Digital RPM Meter
Protections (Electrical and Machine Interlocks)		
Drive temp.		Drive internal protection
Motor load		Drive internal protection
Under voltage		Single Phase Preventer
Earth fault		Single Phase Preventer
Mains supervision		MCCB
Phase supervision		Digital volt meter, Phase indicator
<u>Chill Roll & Flaker Capacity 400-450 Kg./Hr.</u>		
Model		CR TS-65
MOC		S.S.304 Chill Roller
Main Motor	KW	3.75 KW
Motor Make		ABB, C&G
Drive type		AC frequency drive
Drive Make		Schneider
Water Pump	KW	1.125
Flaker Motor	KW	0.75
CHW flow rate	LPM	
--Do-- temperature	°C	10 to 12 °C
Space Requirement		
Flaking system	MM	L-2100 X H-1250
Belt Width	MM	900
Belt Type		PU

Continue P-3 Production Package



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Continue P-3 Production Package

<u>ACM Grinding Mill ACM-20</u>		
Model		ACM MPT-20
Mill Motor	KW	11.25
Blower Fan Motor	KW	15
Classifier Motor	KW	1.5
Motor Make		Dhara Spcl Motor
Drive type		AC frequency drive
Drive Make		Schneider
Feeder Motor	KW	0.75
Motor Make		ABB, C&G
Drive type		AC frequency drive
Drive Make		Schneider
Plus Jet Valve		6 Nos. Solenoid Valve
Cyclone		Stainless Steel
Feeder Unit		Screw feeding S.S. Constructed
Classifier	RPM	700 - 2800
Air Flow	CFM	1500
Overall Dimensions	Mtrs.	L-3.1 X W-3.0 X H- 3.1
Production Capacity	Kg. / Hr.	250 - 300 Kg. / Hr.
<u>Display provided in panel</u>		
Mill Motor Current		AMP. Digital Meter
Classifier Motor		Screw Digital RPM Meter
Power		3Phase indicator, Volt meter
Feeder RPM		Screw Digital RPM Meter
<u>Sieving Machine (Sifter)</u>		
Model		Sifter - 36
Main Motor	KW	1.125
Contact Part		Stainless Steel
Structure Body		Mild Steel & Casting
Capacity	Kg. / Hr.	250 - 300 Kg. / Hr.