

Amended Technical Specification for Tende no. 2021-22 / (

Sl. No	Item	Unit
1	Extruder Type	-
2	Screw Dia	mm
3	L/D Ratio	-
4	D_0/D_i	-
5	Main Gear Box	-
6	Screw rpm	-
7	Nominal Torque / shaft	-
8	Electrical control Panel	-
9	Water Bath	-
10	Vaccum Degassing system	-
11	Air Knife	-
12	Strand Pelletizer	-
13	Output	Kg/hr.
<u>Feeding System</u>		
14	Single Screw Volumetric Feeder	Kg/hr.
15	Twin screw feeder	Kg/hr.
16	Application	-
17	Dosing location for powder and liquids, Exchangeable barrel & screw element type,	-
18	Loader with vertical force feeder	-
19	Max. Drive Power	KW
20	Total Connected Load	KW

21	Control System	-
22	Synchronization of Extruder drive with Haul off unit etc	-
23	Safety	-
24	Machine Dimensions (LXWXH)	-
25	Essential Spares	

01 / 07 Twin Screw Extruder

Specication
Co-Rotating twin screw extruder
Segmental type – Both Barrel / screw with cooling of screw & Barrel , venting System.
25 mm
Min - 40/1
Min – 1.55
High torque gear box
Min - 600 rpm
70 Nm
Digital Temperature Controller, Melt Pressure Indicator, Melt Temperature Indicator, Ammeter for Extruder dynamic Load, Tachometer for Screw Speed.
SS Water bath with rollers is Provided guiding the strands cooling.
With Vaccum pump provided for degassing.
Suitable Capacity.
Suitable capacity of above machine.
20 - 30
Suitable Capacity of Machine.
Material Feeding - Low Density Material like Natural Fiber/Filler and R&D, Compounding of all Engineering Polymers, Polymer blends & alloys,
Please specify
Please specify – suitable for the above machine.
Please specify
Please specify

Please specify
Please Specify
Please specify
Please Specify
Please specify