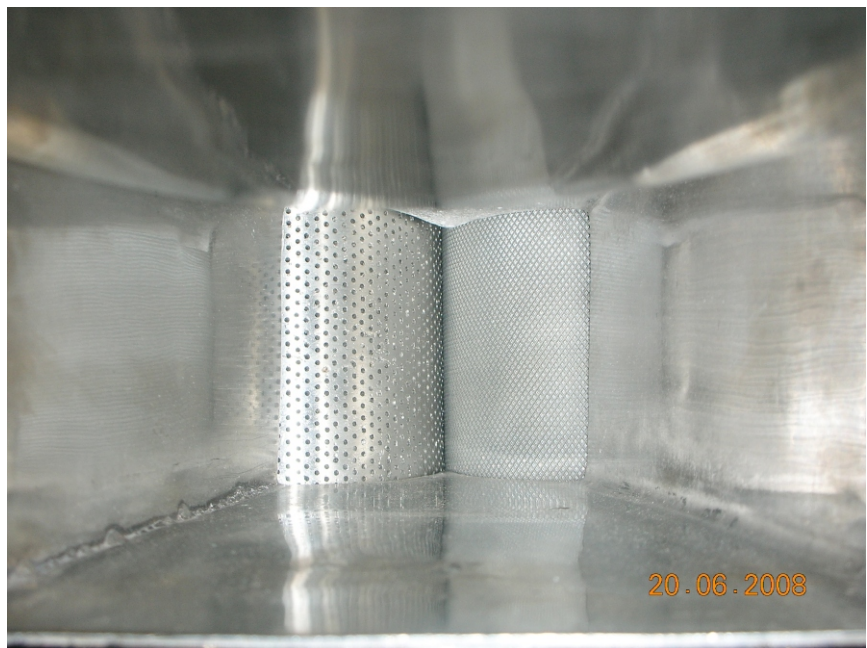# Riddhi

PHARMA MACHINERIES

EXTRUDER

TABLET INSPECTION MACHINE- RDTI-275

EXTRUDER

TECHNICAL OFFER

The product to be converted is prepared in the form of a dough with binder/moisture, and is feed in the Extruder. The die roller design of extruder operates with two rolles. One is the Knurling (pressing) roller and other is the die roller. The perforation size of the roller decides the size of the needle / granules & hence the size of Pellets to be formed. The size of the extrusions that come out are finite length with the help of a adjustable cutter attached.

The twin screw design of extruder operates with a set of conveying screens which transfer the material to the pressing cams which further press the material to a particular size of mesh. The size of the noodles is decided from the size of the Die mesh fixed.

The spheres obtained from the twin screw design has lesser bulk density compared to pellets produced by the roller design extruder. In other words the compressional forces that act in a die roller design extruder are for more than the other resulting in compact and DENSE pellets. It again depends upon applications & product chooses the correct machine for the optimum utility.

TECHNICAL SPECIFICATION

Model	Output	Motor HP	Die Roller
	(Kgs/Qa)		Perf
RDETD 65 (lab)	2-4	1	0.8-3
RDETD 65	10-15	1.5	0.8-5
RDETD 65	15-25	2	0.8-5
(Extended)			
RDETD 100	50-90	5	1-7.5
RDETD 130	200-300	7.5	1.5-10
RDETD-60	20-30	2	0.6-5
RDETD-100	60-100	5	0.6-7.5
RDETD-130	250-350	7.5	0.6-10

RIDDHI PHARMA MACHINERY LTD.

Manufacturer & Exporters of Pharmaceutical Machineries

OFFICE: MUMBAI Om-Shivam Bldg.,2, Tarun Bharat, Sahar Rd, Andheri(E), Mumbai-400 099.Maharashtra, India.
Tel.: 91-22-2832 1332 / 2838 9432 Fax: 91-22-2838 2479 Res : 91-22-2683 3777, Mob: 98210 18579
Whatsapp : 919821018579 **Skype :** hiten.k.shah
E-mail: hitenkshah@hotmail.com/ hitenks@vsnl.com **Website:** www.riddhipharma.com
 FACTORY : Riddhi Estate, Gulab Nagar, Opp. AEC, Amraiwadi, Ahemdabad-380 026. India.