

COLD LOG SHEARING MACHINE FOR ALUMINIUM LOG



TECHNICAL SPECIFICATION:

SIZE OF LOG	: 3" to 7" DIA.
LOG LENGTH	: 6 METER LENGTH
SHEAR DIE	: SPECIAL GRADE ALLOY STEEL HARDENED
TAPER / OVALITY	TAPER IN CUTTING WILL BE +/- 2 MM OVALITY IN CUTTING WILL BE +/- 2 MM
JOB UNLOADING TRAY	: WILL BE AVILABLE WITH MACHINE
LENGTH STOPPER	: WILL BE AVAILABLE WITH MACHINE
HYDRAULIC POWER PACK	: AS PER MACHINE CAPACITY
OPERATION TYPE	: SEMI AUTO & FULLY AUTOMATIC
CUTTING CYCLE TIME	: 25 SECOND SHEARING TIME

Benefit of Machine for example-

Size of Logs	110 mm
Per cut chip removal in circular sawing machine	5 mm
Per hour billet / press requirement	40 billet
Weight scrap per hour 40 nos. x 5 mm	120 mm
Weight of 110 mm dia log x 120 mm long	3.20 kgs
Aluminium scrap price	Rs. 135 per kgs
Melting cost or billet conversion price	Rs. 18 per kgs.
Total price of billet manufacturing Rs. 135 + 18	Rs. 153 per kgs
Less billet cutter chip generated price	Rs. 80 per kgs
Final per kgs difference Rs. 153-80	Rs. 73 per kgs
Per hour saving 3.20 kgs x 73 Rs.	Rs. 233 per hour

Address: 621, Golden Point, Near Falsawadi, Sahara Darwaja, Ring Road, Surat-395002 (Gujarat)

Email: info@yogixim.com, angeltechnosurat@gmail.com Web: www.yogixim.com, Tel.: +91-261-4022012 & 4042013

Press working 20 hours x Rs. 233	Rs. 4660
Our equipment price	Rs. 610000=00
Pay back period Rs. 610000 / Rs. 4660	130 days

ADDON BENEFIT:

We have not calculated cutting oil costing. Average working of press is 24 hours. Cutting cycle time is maximum 20 second. So, working of TCT circular saw machine is double than cold log shear. So, power saving will be added benefit.

Angel Techno