

## **Bar to Bar Peeling Machine DAISHO**

Model: BTH-125 High Speed Centerless Bar Turning Machine  
YOM: 1985

Materials: Alloy steel round bars

Black Bar diameter:	31 mm Ø to 135 mm Ø
Finished bar diameter:	30 mm Ø to 120 mm Ø
Bar length:	2.350 mm to 5.000 mm
Straightness of black bar:	within 3 mm per 1.000 mm length
Stock removal on diameter:	5.0 mm, maximum
Main Spindle speed:	145 r.p.m. to 1.530 r.p.m. Infinitely variable by DC motor with Thyristor control system and 2 steps speed reducer in ranging as follows:
Low speed range:	145 r.p.m. to 510 r.p.m.
High speed range:	450 r.p.m. to 1.530 r.p.m.
Cutting speed:	80 meter/min to 120 meter/min Infinitely variable
Feed speed:	1.0 meter/min to 20.0 meter/min Infinitely variable by DC motor with Thyristor control system
Cutter head range, required:	30 mm Ø to 85 mm Ø 80 mm Ø to 130 mm Ø
Cutting toll holder assembly:	30 mm Ø to 60 mm Ø 55 mm Ø to 85 mm Ø 80 mm Ø to 110 mm Ø 105 mm Ø to 130 mm Ø
Electric motor power capacity:	
Main spindle drive:	90.0 kW
Total power machine required:	146 kW
Dimensions:	
Bar throughput center height:	1.000 mm
Total machine height:	2.320 mm
Floor space, required:	4.360 mm Length x 1.500 mm Depth
Weight:	Approximately 30,000 Kgs

TECHNICAL SPECIFICATIONS





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