

CM 100 CNC



Specifications

Cutting Capacity

Round work (Diameter) : 20 - 100 mm OD

Rectangular work (W x H) : 20 - 80 mm W

Maximum Stock Table Loading Capacity

Round Bars (Length x Diameter)

100 mm OD x 5500 mm L or 3500 kg*

Material Feed

Material Index : AC Servo Motor and Ball Screw

Cut off Length : 5 - 9999.99 mm in 0.01 mm Increments

Saw Blade

Blade Size (OD x ID x T) : 360 x 40x 2.6 mm

Blade Speed : 75 - 120 rpm by Inverter

Motors

Saw Blade Motor	: AC 11 kW (15 HP)
Hydraulic Pump Motor	: AC 2.2 kW (3 HP)
Cut-to-Length Feed Motor	: AC 500 W (0.7 HP), Servo Motor

Machine Dimensions (L x W x H)

1670 x 2160 x 1515 mm

Machine Weight

2450 kg

* Evenly distributed over entire table

"Blades for use on this machine"

Name	Type of Steel that can be cut
TCB-CB TUNGSTEN	360 x 2.6 x 2.25 x 40 x 60z 360 x 2.5 x 2.25 x 40 x 80z 360 x 2.5 x 2.25 x 40 x 100z SS, low Carbon pipe use with supralube 60s
TCB-CR CERMET	360 x 2.6 x 2.25 x 40 x 60z 360 x 2.5 x 2.25 x 40 x 80z 360 x 2.5 x 2.25 x 40 x 100z General Steels & low carbon steels
TCB-TI TITANIUM COATING	360 x 2.6 x 2.25 x 40 x 60z 360 x 2.5 x 2.25 x 40 x 80z 360 x 2.5 x 2.25 x 40 x 100z Steels with greater than 0.4% Carbon not for cutting SS
TCB-SU TUNGSTEN (for SUS)	360 x 2.6 x 2.25 x 40 x 60z 360 x 2.5 x 2.25 x 40 x 80z 360 x 2.5 x 2.25 x 40 x 100z SS, different tooth type processed specially
TCB-PT CERMET (for PIPE)	360 x 2.6 x 2.25 x 40 x 60z 360 x 2.5 x 2.25 x 40 x 80z 360 x 2.5 x 2.25 x 40 x 100z for cutting pipe

Note: Specifications may change without notice at the sole discretion of Amada's Engineering Department.



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