

# CM 75 CNC



## Specifications

### Cutting Capacity

Round work (Diameter) : 15 - 76.2 mm OD

Rectangular work (W x H) : 15 - 65 mm W

### Maximum Stock Table Loading Capacity

Round Bars (Length x Diameter)

76.2 mm OD x 5500 mm L or 1800 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) : 285 x 40x 2.0 mm.

Blade Speed : 50 - 160 rpm by Inverter

## Motors

Saw Blade Motor	: AC 7.5 kW (10 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)

1710 x 1785 x 1480 mm

## Machine Weight

1700 kg

\* Evenly distributed over entire table

### "Blades for use on this machine"

Name	Type of Steel that can be cut
TCB-CB TUNGSTEN 285 x 2.0 x 1.75 x 40 x 60z 285 x 2.0 x 1.75 x 40 x 80z	SS, low Carbon pipe use with supralube 60s
TCB-CR CERMET 285 x 2.0 x 1.75 x 40 x 60z 285 x 2.0 x 1.75 x 40 x 80z	General Steels & low carbon steels
TCB-TI TITANIUM COATING 285 x 2.0 x 1.75 x 40 x 60z 285 x 2.0 x 1.75 x 40 x 80z	Steels with greater than 0.4% Carbon not for cutting SS
TCB-SU TUNGSTEN (for SUS) 285 x 2.0 x 1.75 x 40 x 60z 285 x 2.0 x 1.75 x 40 x 80z	SS, different tooth type processed specially
TCB-PT CERMET (for PIPE) 285 x 2.0 x 1.75 x 40 x 60z 285 x 2.0 x 1.75 x 40 x 80z	for cutting pipe

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



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