

**INSTRUCTION BULLETIN
& MAINTENANCE MANUAL
FOR CTD MODELS
DM200R, CDM300R, CDM60 & DM400**

CTD MODEL NO: _____

CTD SERIAL NO: _____

MANUFACTURE DATE: _____

DISTRIBUTOR PURCHASED THROUGH:

(IF ANY) _____



CTD MACHINES, INC.
2300 East 11th Street
Los Angeles, CA 90021-2817
Tele (213) 689-4455 • FAX (213) 689-1255
World Wide Web: <http://www.ctdsaw.com>
e-mail: ctdsaw@ctdsaw.com

<u>Subject</u>	<u>Page No.</u>
Machine Requirements.....	2
Installation and Set-Up.....	4
Electrical Installation.....	7
Safety Instructions.....	8
How to Operate the Machine.....	9
Air Pneumatics.....	14
Repair and Service.....	18
Spindle and Pivot Shaft Diagrams.....	20, 23-24
Warranty & Guarantee.....	24

Machine Requirements:

MODEL NO: _____ SERIAL NO: _____

Cutting Capacities

Model DM200R

⇒ **90° Cutting:**

2" (51mm) high x 7-3/4" (197mm) wide
 2-1/2" (64mm) high x 7-1/8" (181mm) wide

⇒ **45° Mitre Cutting:**

1-1/2" (38mm) high x 4-7/8" (123mm) wide
 2" (57mm) high x 4-1/4" (108mm) wide
 3-1/2" (89mm) high x 3-1/2" (89mm) wide

CDM60, 16" Blade Capacity

⇒ **90° Cutting:**

4" (102mm) high x 10-1/2" (267mm) wide

⇒ **45° Mitre Cutting:**

4" (102mm) high x 7-1/4" (184mm) wide
 ⇒ **Compound 45° Cut—90° Front to Back:**
 2-5/8" (67mm) high x 10" (254mm) wide

DM400, 16" Blade Capacity

⇒ **90° Cutting:**

5" (127mm) high x 6" (152mm) wide
 3" (76mm) high x 11" (280mm) wide

⇒ **45° Cutting:**

3" (76mm) high x 8" (203mm) wide
 5" (127mm) high x 5" (127mm) wide

Model CDM300R

⇒ **90° Cutting:**

2-1/2" (63mm) high x 7" (178mm) wide
 4" (101mm) high x 4" (101mm) wide

⇒ **45° Mitre Cutting:**

3-1/4" (82mm) high x 5" (127mm) wide
 3-1/2" (89mm) high x 3-1/2" (89mm) wide

⇒ **90° Front to Back 45° Compound:**

1-1/2" (38mm) high x 5-1/2" (140mm) wide
 1" (25mm) high x 7" (178mm) wide

Dimensions shown are set for cutting capacities with cylinder set to mitre and compound mitre. Wider material up to 2-1/2"x8-1/2" at 90° & 2-1/2"x5-1/2" at 45° mitre can be achieved by readjusting the cylinder for maximum cutting depth. Consult factory for details.

DM400, 20" Blade Capacity

⇒ **90° Cutting:**

5-1/2" (140mm) high x 11" (280mm) wide
 6" (152mm) high x 10" (254mm) wide

⇒ **45° Cutting:**

5-1/2" (140mm) high x 8" (203mm) wide
 6" (152mm) high x 6" (152mm) wide