

DÖRINGER

D-350

MODEL D-350
14" Sawblade
(Standard Machine)

Powerful machine,
engineered for precision
and repetitious cutting
of... solids, large pipes,
wide sectionals of steel,
stainless steel and
aluminum



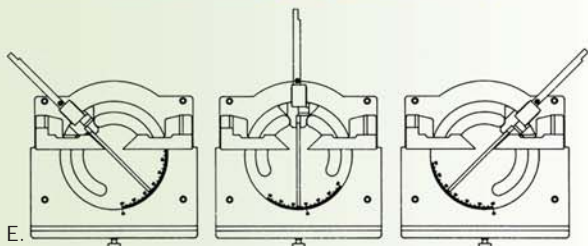
PROUDLY
MANUFACTURED
IN THE USA



A. B.



C. D.



E.

STANDARD EQUIPMENT

- Quick action mechanical vise
- Cabinet stand with doors
- 2-speed motor on all 3-phase machines
- Overload protection switch
- High volume electric coolant pump (seal-less)
- Overload protection switch for coolant pump
- Recirculating coolant system
- Large removable chip tray
- 7-gallon coolant reservoir
- Complete set of allen wrenches
- Grease gun
- Quick release handles for rapid change of vise position
- 350mm (14") sawblade
- Döringer H-32 coolant concentrate (1 gallon)
Mixing ratio 10:1 with water
- 1 year warranty

- A. **Large flat work surface** with clearly marked mitering scale.
- B. **Rigid double yoke, adjustable pivot**, 1" above work surface.
- C. **2-piece hinged safety guard** completely covers sawblade in rest position.
- D. **2-speed motor** for cutting stainless steel and aluminum, mounted with direct drive to gearbox.
- E. **Head easily miters** to any position with positive locking at 90 & 45 degrees. Workpiece remains stationary while head rotates for mitering.

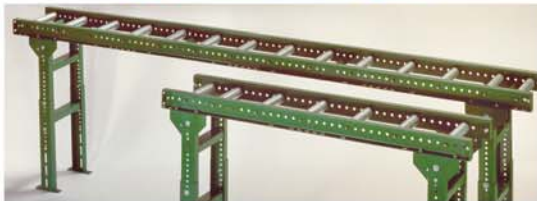
NOTE:
*SINGLE PHASE, 110/220 VOLT, 1-SPEED MOTORS
AVAILABLE AT NO ADDITIONAL CHARGE.*



F.



G.



H.



I.



J.

K.

OPTIONAL EQUIPMENT

- F. **Double grip, quick action Doringer vise.** Clamps material ON BOTH SIDES of the sawblade on straight cuts. Recommended for burr-free cutting.
- G. **Double air vise unit.** Two independent air vises actuated automatically when operator's handle is pulled downwards. Short 3/8" stroke for safety and increased production. Comes complete with 2 air vises, pressure regulator, lubricator, actuating valve and connecting hoses. Recommended for high production and burr-free cutting.

Ungraduated Length Stop. Adjustable 0-40". Recommended for multiple cuts of the same length.

Graduated Length Stop. Infinitely adjustable 120" English/Metric, 1/32" increments.

- H. **Infeed/Outfeed Roller Table:** Heavy duty roller tables available in 5' increments up to 20'. Includes adjustable legs and 10" recessed rollers for gang stacking and safety.

CONTINUING SERVICES

- I. **Sawblade Sharpening Service:** Fully automatic reshaping machines. CNC and fully robotic CBN/Borazon wheels increase sawblade life 25% over conventional sharpening – 2-day turnaround – free local pick-up & delivery.
- J. **Genuine Doringer H.S.S. Sawblades:** Manufactured from M2 DM05 tool steel, heat treated and hardened to 63-65 Rc. Largest inventory in the US. Same day shipping guaranteed. Recommended for all makes of cold saws.
- K. **Doringer H-32 Concentrated Synthetic Coolant:** Mixing ratio 10:1 with water. Available in 1 and 5 gallon pails. Larger quantities available on request. Recommended for all machining.



D-350

TECHNICAL SPECIFICATIONS

CUTTING CAPACITY:

○ Round Tubing:	4.75"	0°– 45°
□ Square Tubing:	4" Straight	3.6" 0°– 45°
▤ Rectangular Tubing:	6.3" x 2.75" Straight	4.75" x 2.35" 0°– 45°
● Solids:	2.5"	0°– 45°

Available Voltages*

110/220 Volts	1 Phase	60 Cycle
220 or 440 Volt	3 Phase	60 Cycle
220 or 440 Volt	3 Phase	60 Cycle

Motor Speed**

1700 RPM
850/1700 RPM
1700/3400 RPM

Sawblade Speed**

54 RPM
27/54 RPM
54/108 RPM

*All Single phase motors are dual voltage. All 3 phase motors are single voltage. Please verify your available voltage.

**Gear reduction ratio of 1:31 for high torque.

WEIGHTS

Machine unpacked: 710 lbs (277kg)

Machine packed: 780 lbs (318kg)

DIMENSIONS:

Machine unpacked: 58"H x 26"W x 36"L

Machine packed: 64"H x 30"W x 43"L



DORINGER...

The Reliable Source
For All Your Cutting Needs.

Doringer has been manufacturing cold saws for over 20 years. We are very proud that the complete manufacturing process, from design thru fabrication, machining, assembly and final quality control, is done at our facilities in California.

We guarantee your satisfaction with the Doringer D-350 Cold Sawing Machine and we guarantee your complete satisfaction with our continuing services.

Doringer... building a better saw.



DORINGER MANUFACTURING COMPANY INC.

Manufacturers of Circular Metal Sawing Machinery

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