



D-350 SA

MODEL D-350 SA
Semi-Automatic
Circular Cold Saw
14" Sawblade

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



PROUDLY
MANUFACTURED
IN THE USA



D-350 SA



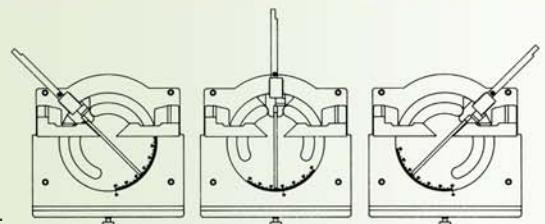
A.



B.



C.



D.

STANDARD EQUIPMENT

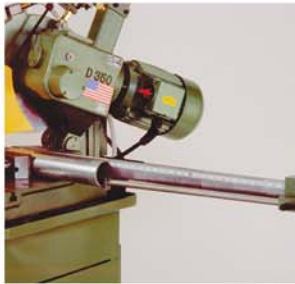
- **Double pneumatic vising system**
- **Air over hydraulic power down-feed**
- **Two-hand control**
- **Parts counter**
- **Two-piece hinged safety guard**
- **Cabinet stand with doors**
- **2-speed motor on all 3-phase machines**
- **Overload protection switch with mushroom button for quick shutoff**
- **High volume electric coolant pump (seal-less)**
- **Overload protection switch for coolant pump**
- **Large removable chip tray**
- **7-gallon coolant reservoir**
- **Complete set of allen wrenches & grease gun**
- **350mm (14") sawblade**
- **Doringer H-32 coolant concentrate**
- **1 year warranty**

A. **Hydrocheck** infinitely adjustable for sawing tubing or solids. Limit valve for quick return for different shapes and sizes.

B. **Rear Control Panel** including separate controls and gauges for vise and hydrocheck air pressure.

C. **Front Control Panel** with two-hand start control, emergency stop and parts counter.

D. **Head** easily miters to any position with positive locking at 90° and 45°. Workpiece remains stationary while head rotates for mitering.



E.



F.



G.



H.



I.



J.

OPTIONAL EQUIPMENT

- E. **Graduated Length Stop** 120" English/Metric infinitely adjustable in 1/32" increments.
- F. **Foot Control Unit** for hands-free operation available with limit valve return or foot release return.
- G. **Infeed/Outfeed Table Roller:**
Heavy duty roller table with adjustable legs:

Available Lengths:	Capacity:
5' with 2 supports	1000 pounds
10' with 2 supports	1800 pounds
20' with 3 supports	2500 pounds

Rollers recessed for gang stacking and safety.

CONTINUING SERVICES

- H. **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.
- I. **Genuine Döringer 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.
- J. **Döringer 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 SA

TECHNICAL SPECIFICATIONS

CUTTING CAPACITY:

○ Round Tubing:	4.75"	4.75" 0°– 45°
□ Square Tubing:	4" Straight	3.5" 0°– 45°
▤ Rectangular Tubing:	6.5" x 2.75" Straight	4.75" x 2.5" 0°– 45°
● Solids:	3" Straight	3" 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: 890 lbs (405kg)

Machine packed: 960 lbs (435kg)

DIMENSIONS:

Machine unpacked: 72"H x 26"W x 36"L

Machine packed: 76"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 SA 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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