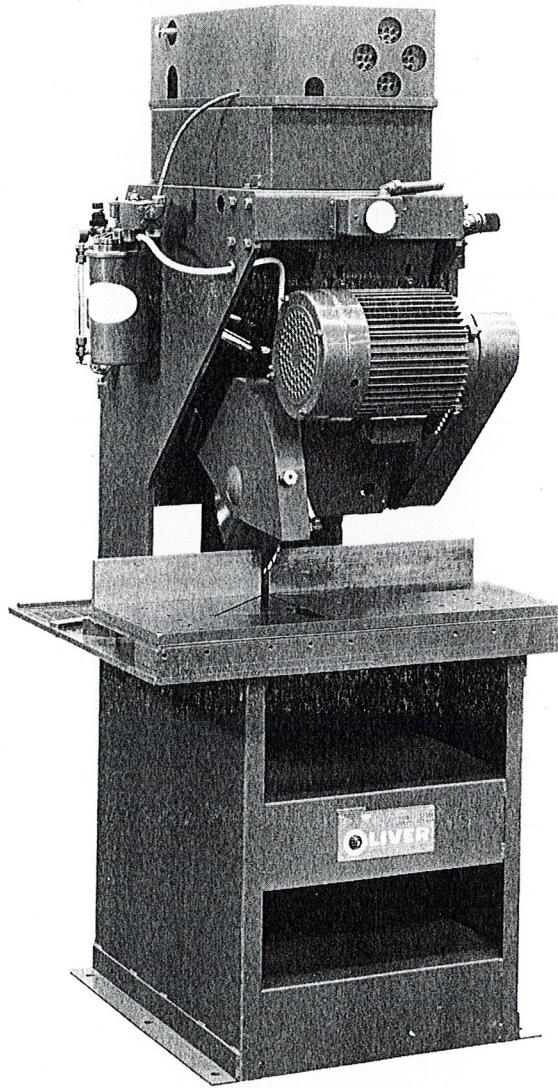




No. 395 HYDRAULIC CUTOFF SAW



OLIVER

OLIVER MACHINERY COMPANY, GRAND RAPIDS, MICH. 49504

FOUR MODELS HELP TO

INCREASE PRODUCTION REDUCE COSTS

THE NO. 395 CUTOFF SAW

is used for accurate cutting of wood, light nonferrous extrusions and small solid sections. An aluminum extrusion 2" high x 6" wide with 1/4" walls was cut with the standard 2 HP motor in 6 seconds (cut and return stroke).

THE SAW STROKE

The stroke is powered by a hydraulic cylinder for a smooth cutting stroke and fast return stroke. A flow control valve is provided to give variable feed speeds of 0 to 700 inches per minute, with a maximum of 24 full length strokes per minute.

THE TABLE

is 13" wide at left of saw and 18" wide at right of saw. It is 12" from fence line to front edge of table. The steel fence is 3/4" high and is 30" long.

THE SWIVEL FEATURE

keeps the table in a fixed position and pivots the saw unit. An adjustable stop is provided for both 45° positions and the 90° position.

SAW MOTOR

is totally enclosed, fan-cooled with V-belt drive to saw arbor. Belts and pulleys are fully guarded. Standard motor is 2 HP, 3600 RPM. 3 HP and 5 HP are available and saw speeds as low as 900 RPM can be furnished on special order.

"OLIVER" NO. 395-D NONFERROUS CUTOFF SAW

for 45° to 90° cuts on extrusions and small solid sections. Pivots 45° to each side of center. With 2 HP, 3600 RPM, totally enclosed, fan-cooled motor and V-belt drive to saw arbor. Magnetic starter, size 0, with overload and low-voltage protection is furnished for customer's 3 phase, 60 cycle and 230 or 460 volt current. 14" diameter saw runs 3450 RPM. Maximum stroke of 13 1/2" operated by palm button. 90° cutting capacity 4" high by 8" wide extrusions. 45° cutting capacity 4" high by 6" wide extrusions. 2" x 6" x 1/4" wall aluminum extrusion can be cut in 6 seconds (cut and return stroke) with a 2 HP motor. Forward speed adjustable from 0 to 700" per minute. With spray lube to saw blade during cut (2-quart tank). Furnished with 12" x 31" table. Table 13" to left and 18" to right of saw. Table height 31 1/2" above floor. Saw blade not included.

THE NO. 395-C

is same as above, except machine base is omitted.

THE NO. 395-B

is same as 395-D, except base and swivel feature are omitted.

THE NO. 395-A

is same as 395-D, except base, swivel feature, and table are omitted.

EXTRAS

MOTORS

3 HP, 1800 r.p.m. MOTOR in place of 2 HP
3 HP, 3600 r.p.m. MOTOR in place of 2 HP
5 HP, 3600 r.p.m. MOTOR in place of 2 HP
5 HP, 1800 r.p.m. MOTOR in place of 2 HP
5 HP, 1200 r.p.m. MOTOR in place of 2 HP

CHIP COLLECTOR HOUSING

for connecting 4" diameter exhaust pipe.

TWO-GALLON LUBE TANK

in place of two-quart size.

AIR CLAMP

on table, adjustable from 0 to 8", for clamping on right-hand side of saw cut. A second clamp unit for left-hand side of saw cut also available.

J.I.C.

of electrics.

OPERATOR HAND GUARD

mounted on table and with adjustable sides.

LENGTH GAUGE

0 to 36" capacity.

CARBIDE SAW BLADE

14", 40-tooth, 1" bore, 1/8" kerf, 1.1" pitch.

CARBIDE SAW BLADE

14", 70-tooth, 1" bore, 1/8" kerf, 5/8" pitch.

SEMI-HIGH SPEED STEEL SAW

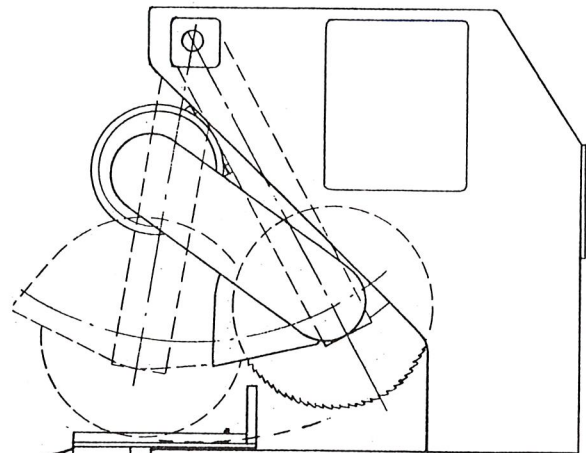
14", 150-tooth, 1/8" kerf, hollow ground, 4 1/2" hub.

HIGH SPEED STEEL SAW

14", 150-tooth, 1/8" kerf, hollow ground, 4 1/2" hub.

395-B

90° ONLY

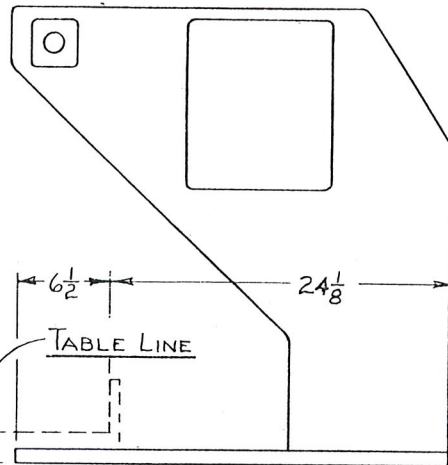


35 ³/₄" FRONT TO BACK
31" WIDE

INDEPENDENT TABLE UNIT

395-A

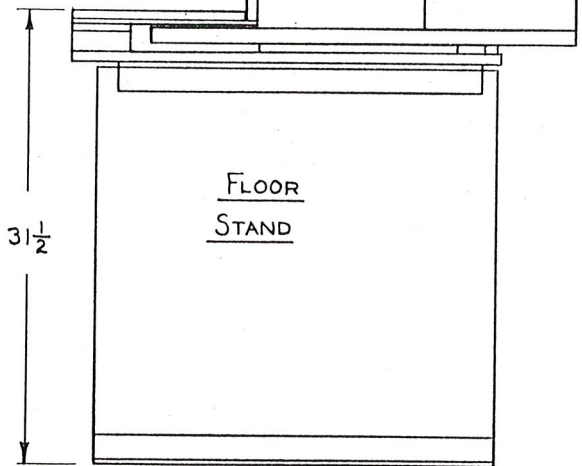
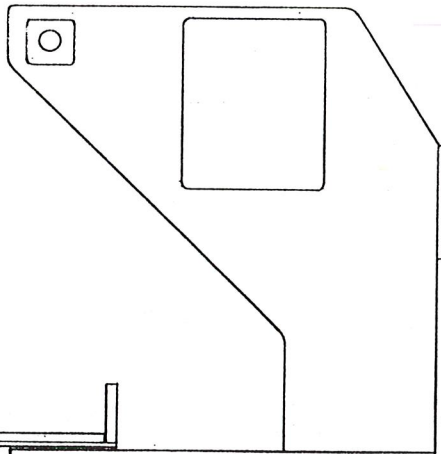
90° ONLY



6 ¹/₂" 24 ¹/₈"
TABLE LINE
30 ¹/₄" FRONT TO BACK
17" WIDE

395-D

45°-90°-45°

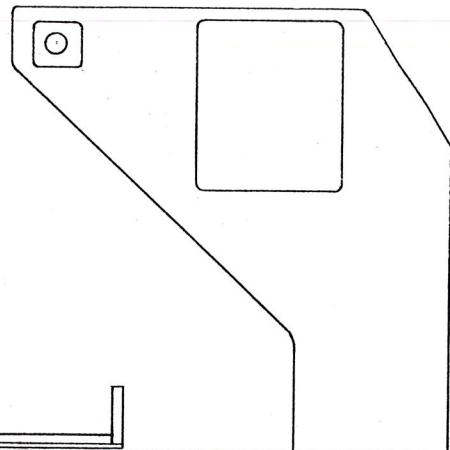


FLOOR
STAND

31 ¹/₂"

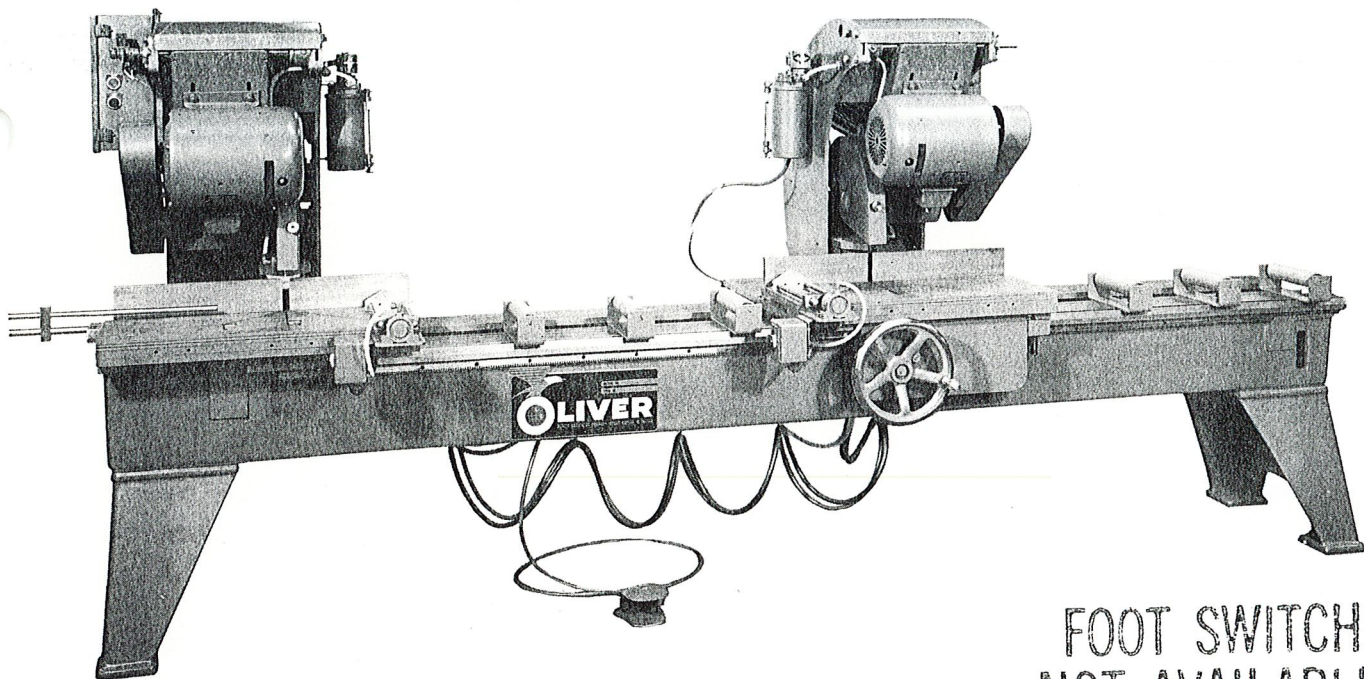
395-C

45°-90°-45°



3 ⁷/₁₆"
35 ³/₄" FRONT TO BACK
31" WIDE

If you have a sawing problem,
our Engineers are available to
recommend the model machine
best suited.



FOOT SWITCH
NOT AVAILABLE

OLIVER 395-E DOUBLE CUTOFF SAW consisting of two special No. 395-C Saw Units mounted on a 12-foot-long heavy cast bed. Each saw unit is driven by a 2 HP, 3600 rpm totally enclosed, fan-cooled motor with V-belt drive to the saw arbor. 14"-diameter saw blade operates at 3600 rpm. Table is equipped with air clamps for holding the stock during the cutting cycle. The left-hand unit is fixed on the bed, and the right-hand unit is adjustable by means of handwheel, rack and pinion with lock for clamping in final position. Maximum cross section of 4" x 8" can be cut at 90 degrees and 4" x 6" at 45 degrees. Minimum cut length is 26" and maximum is 108" with saws parallel. Minimum of 40½" with 45 degrees on each head.

Equipped with foot switch.

Chip collector housing on each saw unit for connecting 4"-diameter exhaust pipes.

"OLIVER" 395 SPECIFICATIONS

ITEM	395-A	395-B	395-C	395-D
Extrusion Cross Section				
Capacity — Height x Width 90°	4" x 8"	4" x 8"	4" x 8"	4" x 8"
Height x Width 45°	90° only	90° only	4" x 6"	4" x 6"
Std. Motor — HP	2	2	2	2
— RPM	3600	3600	3600	3600
Saw Arbor Speed — RPM	3600	3600	3600	3600
Saw Dia. — Only One Size	14"	14"	14"	14"
Saw Arbor Dia. for Saw Blade	1"	1"	1"	1"
Saw Rim Speed at 3600 RPM in FPM	13,200	13,200	13,200	13,200
Cutting Feed Speed — Inches/Min.	0 to 700	0 to 700	0 to 700	0 to 700
Spray Lube for Saw — Tank Size	2 Qt.	2 Qt.	2 Qt.	2 Qt.
Table Size	None	12" x 31"	12" x 31"	12" x 31"
Machine Base	None	None	None	Yes
Swivel 45° each side of 90°	No	No	Yes	Yes

All specifications subject to change without notice

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