



A-FAB HD 334

Heavy Duty Hydraulic Angle Roll



Motion:

Side rolls move by hydraulic cylinders, upper roll is fixed

Rotation:

All rolls driven by one hydro-motor+gearbox

Shaft Diameter: 3.34"

Roll Diameters: 9.84"

Motor power: 10 HP

Max Section Modulus: 1.83 in³

Dimensions: 57"L x 53"W x 53"H

Weight: 3,637 lbs

A-FAB HD 334 SPECIFICATIONS			
PROFILE TYPE	DIMS (Inch)	MIN.ID (Ø Inch)	NOTES
Solid - Square	2x2 (SM=1.333 in ³)	40	○
Flat-Hard way	3-1/2 x 3/4 (SM=1.531in ³)	32	○
Flat-Easy way	6 x 1 (SM=1in ³)	24	○ ●
T Section Leg-Down	3x3x3/8 (SM=0.571in ³)	32	○ ●
T Section Leg-Out	3x3x3/8 (SM=1.049in ³)	32	○ ●
T Section Leg-In	3x3x3/8 (SM=1.049in ³)	43	○ ●
Angle Leg-Out	3x3x5/16 (SM=0.707in ³)	32	○ ●
Angle Leg-In	3x3x5/16 (SM=0.707in ³)	43	○ ●
Tubing - Square	3x3x188 (SM=1.969in ³)	98 (1)	○ ●
Tubing - Rectangle	3-1/2x2x188 (SM=1.889in ³)	98 (1)	○ ●
Solid - Round	Ø2.5 (SM=1.534in ³)	40	○ ●
Pipe SCH40	Ø3" (SCH40) (SM=1.725in ³)	44	●
C Section Leg-Out	C5-9# (SM=0.912in ³)	48	○ ●
C Section Leg-In	C5-9# (SM=0.912in ³)	55	○ ●
C Section Hard Way	C3-6# (SM=1.739in ³)	157 (1)	● ▲
I Section Easy Way	S5-10# (SM=1.369in ³)	44	○ ●
I Section Hard Way	S3-5.7# (SM=1.939in ³)	55	● ▲
H Section Easy Way	W4-13# (SM=2.919in ³)	60	○ ●
H Section Hard Way	Max. SM=1.830in ³	120	● ▲

All data given according to 36 KSI yield point | ○ Standard Rolls | ● Special Rolls | ▲ Special Rolls | SM = Section Modulus

STANDARD

- Steel construction welded frame
- 3 Rolls are powered
- Hardened and ground shafts made of high tensile special steel
- Rolls are hardened and ground
- Horizontal or vertical working position
- Hardened standard rolls
- Mobile control panel
- 3 Axis mechanical lateral angle guide rolls
- Brake motor equipped for precision bending
- Digital Read-Outs (2pcs)

OPTIONAL

- Pipe, tube and profile bending rolls
- Hydraulic lateral guide rolls (3 axis)
- Variable turning speed
- NC control

Due to ongoing product development, machine specifications can change at any time.

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