

KEY FEATURES

- 16 Standard models cover a range of 20" (508 mm) to 86" (2,184.4 mm) OD
- Pneumatic and hydraulic drive options provide increased versatility
- Fully adjustable heavy duty bearing design provides greater serviceability
- Stepped and keyed gear clamps equipped with a through bolt provide a positive fit at each assembly joint
- HD series clamshells accept a wide range of accessories to increase performance and expand capabilities



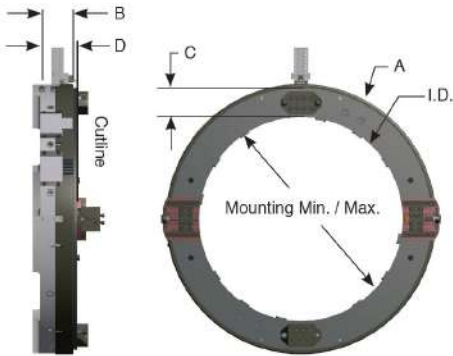
DESCRIPTION

The robust design of the DL Ricci™ portable HD or Heavy Duty Clamshell series makes them ideal for large diameter heavy wall pipe applications. Each of the machines up to 86" within the HD series have a height of 6.25" (158.8 mm) and a width of 4.69" (119.1 mm) or 4.81" (122.2 mm). The mass created from these dimensions increases rigidity and helps maintain accuracy during use. These portable split frame machines are capable of pipe cutting, beveling, facing, ID boring and OD turning on a wide range of wall thicknesses. Large scale pipe cutting and beveling can be achieved using the larger HD120 and HD180 machines.



Adjustable bearing design Large diameters

SPECIFICATION



	HD32–HD57	HD60–HD86
B	6.25" (158.8 mm)	
C	4.689" (119.1 mm)	4.813" (122.2 mm)
D	8.5" (215.9 mm)	8.25" (209.6 mm)

* "D" dimension (or cutline) may change with different tooling. Contact consultant for specifics.

MODEL	PART NUMBER	UNIT OF MEASURE	MOUNTING MIN – MAX	MACHINE ID					MACHINE WEIGHT
					A	B	C	D	
HD32	F0103D0320AA	Std. - in	20–32	33	42.375	6.25	4.689	8.5	469 lbs
		Metric - mm	508.0–812.8	838.2	1,076.3	158.8	119.1	215.9	212.92 kg
HD36	F0103D0360AA	Std. - in	24–36	37	46.375	6.25	4.689	8.5	509 lbs
		Metric - mm	609.6–914.4	939.8	1,177.9	158.8	119.1	215.9	231.08 kg
HD39	F0103D0390AA	Std. - in	27–39	40	49.375	6.25	4.689	8.5	538 lbs
		Metric - mm	685.8–990.6	1,016.0	1,254.1	158.8	119.1	215.9	244.25 kg
HD43	F0103D0430AA	Std. - in	31–43	44	53.375	6.25	4.689	8.5	595 lbs
		Metric - mm	787.4–1,092.2	1,117.6	1,355.7	158.8	119.1	215.9	270.13 kg
HD45	F0103D0450AA	Std. - in	33–45	46	55.375	6.25	4.689	8.5	614 lbs
		Metric - mm	838.2–1,143	1,168.4	1,406.5	158.8	119.1	215.9	278.75 kg
HD49	F0103D0480AA	Std. - in	36–48	49	58.375	6.25	4.689	8.5	643 lbs
		Metric - mm	914.4–1,219.2	1,244.6	1,482.7	158.8	119.1	215.9	291.92 kg
HD50	F0103D0500AA	Std. - in	38–50	51	60.375	6.25	4.689	8.5	663 lbs
		Metric - mm	965.2–1,270	1,295.4	1,533.5	158.8	119.1	215.9	301 kg
HD53	F0103D0530AA	Std. - in	41–53	54	63.375	6.25	4.689	8.5	692 lbs
		Metric - mm	1,041.4–1,346.2	1,371.6	1,609.7	158.8	119.1	215.9	314.16 kg
HD54	F0103D0540AA	Std. - in	42–54	55	64.375	6.25	4.689	8.5	702 lbs
		Metric - mm	1,066.8–1,360.8	1,397.0	1,635.1	158.8	119.1	215.9	318.78 kg
HD55	F0103D0550AA	Std. - in	43–55	56	65.375	6.25	4.689	8.5	716 lbs
		Metric - mm	1,092.2–1,397	1,422.4	1,660.5	158.8	119.1	215.9	325.06 kg
HD57	F0103D0570AA	Std. - in	45–57	58	67.375	6.25	4.689	8.5	735 lbs
		Metric - mm	1,143–1,447.8	1,473.2	1,711.3	158.8	119.1	215.9	333.69 kg
HD60	F0103D0600AA	Std. - in	48–60	61	70.625	6.25	4.813	8.25	831 lbs
		Metric - mm	1,219.2–1,524	1,549.4	1,793.9	158.8	122.2	209.6	377.27 kg
HD66	F0103D0660AA	Std. - in	54–66	67	76.625	6.25	4.813	8.25	891 lbs
		Metric - mm	1,371.6–1,676.4	1,701.8	1,946.3	158.8	122.2	209.6	404.51 kg
HD72	F0103D0720AA	Std. - in	60–72	73	82.625	6.25	4.813	8.25	952 lbs
		Metric - mm	1,524–1,828.8	1,854.2	2,098.7	158.8	122.2	209.6	432.21 kg
HD80	F0103D0800AA	Std. - in	68–80	81	90.625	6.25	4.813	8.25	1063 lbs
		Metric - mm	1,727.2–2,032	2,057.4	2,301.9	158.8	122.2	209.6	482.60 kg
HD86	F0103D0860AA	Std. - in	74–86	87	96.625	6.25	4.813	8.25	1115 lbs
		Metric - mm	1,879.6–2,184.4	2,209.8	2,454.3	158.8	122.2	209.6	506 kg

HD120 86 – 121.5” (2182 mm - 3086 mm)

Previously known as the MM120

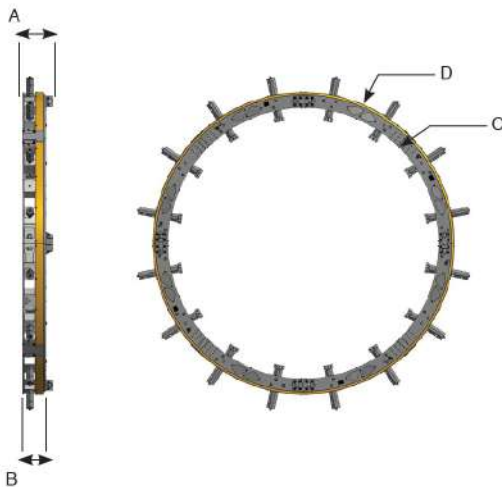
KEY FEATURES

- Solid body locators cover an impressive 36" (914.4 mm) range and eliminate the need for multiple extensions
- Locators equipped with adjustable feet with 0.56" (14.22 mm) of axial adjustment to aid in set-up
- All steel gear and housing construction provides rigidity across the entire operating envelope
- Remote operated trippers provide safe on/off activation of bolt-on accessories
- Access plates along the gear face allow for increased ease of tolerance adjustments and refurbishment



DESCRIPTION

The DL Ricci™ MM120 split frame clamshell is ideal for large scale cutting and beveling applications ranging from 85.9" (2,181.9 mm) to 121.5" (3,086.1 mm). The housing is constructed of steel plates and spacers which assures a rigid set-up even under the most demanding conditions. The mounting ring is equipped with 16 locators. Each adjustable locator has four mounting positions and 5.7" (144.78 mm) of radial adjustment. The OD mounted gear driven MM120 is powered with a high displacement hydraulic motor providing maximum cutting torque



120 locator

DIMENSIONS

MODEL	PART NUMBER	UNIT OF MEASURE	MOUNTING MIN MAX	A	B	C	D	MACHINE WEIGHT
HD120	F0103E1200AA	Std. - in	85.9–121.5	13.6	10.6	122	137.3	6,300 lbs
		Metric - mm	2181.9–3086.1	346	269.2	3,098	3,497.6	2,857 kg

HD180 144 – 177" (3658 mm - 4496 mm)

(Previously known as the MM180)

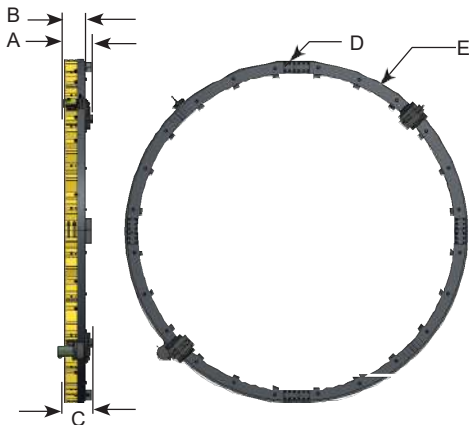


KEY FEATURES

- 24 Patented locators assure a positive and secure fit to the material
- Remote actuation of the multiple tripper assemblies make it safe and convenient to operate
- Patented swivel head assembly available for end-prep applications
- Fully adjustable heavy duty bearing design provides greater serviceability
- Arrives equipped with a high torque hydraulic motor

DESCRIPTION

The DL Ricci™ HD180 split frame clamshell is ideal for large scale cutting and beveling applications ranging from 144" to 177" (3,657.6 mm to 4,495.8 mm) OD. The machine utilizes a patented, fully adjustable bearing design for increased accuracy and performance. The fabricated steel base of the machine is comprised of staggered vertical steel plates interlocked between horizontal steel plates. This stacked base design helps maintain machine rigidity even under the most demanding conditions. The HD180 is comprised of four parts making it ideally configured for deployment and installation.



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|--|---|
| A Overall width
18.6" (472.4 mm) | D Max work piece OD
177" (4,495.8 mm) |
| B Housing width
15.1" (383.5 mm) | E Clamshell OD
195.5" (4,965.7 mm) |
| C With bolt-on locators
22.1" (561.3 mm) | MM180 machine
weight = 10,000 lbs (4,535.9 kg) |



Large capacity portable machining



Broad range of operation

DIMENSIONS

MODEL	PART NUMBER	UNIT OF MEASURE	MOUNTING MIN MAX	A	B	C	D	E	MACHINE WEIGHT
HD180	F0103E1800AA	Std. - in	144-177	18.6	15.1	22.1	177	195.5	10,000 lbs
		Metric - mm	3,657.6-4,495.8	472.4	383.5	561.3	4,495.80	4,965.70	4,535.9 kg

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Represented By:

#30, 3250 - 51 Ave NW
Edmonton, Alberta
Canada T6P 0E1

M: 780.469.6002
TF: 1.877.742.5367
F: 780.469.3257

www.pickford.com
Afterhours:
780.221.0331