

HYDRAULIC WEDGE TYPE PIPE BENDING MANDREL HWM 20-32



The CRC-Evans Wedge Mandrel was developed specifically to meet the bending requirements of X65 and X70 grade pipe. It is particularly successful in providing a smooth bend with no "out-of-round".

Uses the hydraulic system of the pipe bending machine for power.

Simple design and few parts result in low maintenance cost.

Bending machine operator controls the Mandrel.

Travel wheels raise from the pipe wall when the Mandrel is expanded.

On 20" pipe and above, the travel wheels are pivotally mounted to provide self-leveling of the mandrel in the pipe.

Double angle hardened steel wedges provide fast approach and powerful locking action.

Wedges will accommodate several wall thicknesses without changing shims.

Normal operation does not require an auxiliary hydraulic power unit. However, these can be supplied at extra cost if required by the customer

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SPECIFICATIONS

For pipe up to 60" (1524mm)

MODEL NO.	PIPE SIZE inches (mm)	LENGTH inches (mm)	WIDTH inches (mm)	HEIGHT inches (mm)	CUBE ft ³ (m ³)	WEIGHT lb (kg)
HWM 20-22	20(508)	116(2946)	17(432)	17(432)	19.4(0.54)	1250(567)
	22(558)	116(2946)	18(457)	17(432)	20.5(0.58)	1300(590)
HWM 24-32	24-32(610-813)	126(3200)	24(610)	26(660)	45.5(1.29)	2100(953)
HWM 34-38	34(864)	148(3759)	29(737)	29(737)	72.0 (2.04)	5400 (2449)
	36(914)	148(3759)	31(787)	31(787)	82.3(2.33)	5500 (2495)
	38(965)	148(3759)	33(838)	33(838)	93.3(2.64)	5700 (2585)
HWM 40-42	40(1016)	148(3759)	35(889)	35(889)	104.9(2.97)	5700 (2586)
	42(1067)	148(3759)	37(940)	37(940)	117.3(3.32)	5800 (2631)
HWM 46-48	46(1168)	158 (4013)	41(1041)	41(1041)	153.7(4.35)	10000(4536)
	48(1219)	1586 (4013)	43(1092)	43(1092)	169.1(4.79)	10100(4581)
HWM 52-54	52(1321)	172 (4369)	46(1168)	46(1168)	210.6(5.96)	12000(5443)
	54(1372)	172 (4369)	48(1219)	48(1219)	229.3(6.49)	12100(5489)
HWM 56	56(1422)	172(4369)	50(1270)	50(1270)	248.8(7.05)	13000(5897)
HWM 60	60(1524)	172 (4369)	54(1372)	54(1372)	290.3(8.22)	13500(6124)

A Hydraulic Power Take-Off is required on the CRC-Evans Bending Machine to provide power for the Hydraulic Wedge Mandrel. This may be installed at the time of manufacture of the Bending Machine or supplied as a field installation kit at extra cost.

Independent hydraulic power may also be used and is available at extra cost.

Hydraulic Power Take-Off (4-line) is standard on PB 32-42 and up.

A simple conversion kit is available at extra cost to convert from the smaller to the larger pipe within the model range



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