

Twin caterpillar haul-offs



Twin caterpillar haul-off 160 SE

Technical Features

In addition to its range of multiple caterpillar haul-offs, American Maplan also offers haul-offs with two caterpillars which are designed for pipe applications. These machines are robust and have an uncomplicated design. The caterpillars are equipped with flat or custom designed pads which allow pulling of dimensionally stable pipes.

The BMC *smart* control unit is part of the BMC *plus* family which allows the integration of all units into American Maplan's automation system and the ability to synchronize our units in existing extrusion lines.



Operating panel

Additional Performance Features:

- Our Standard Offers: Flat pads which are bolted on or, as an option, embedded in aluminum C rails which provides a sliding quick-change system.
- Parallel end guiding of the upper caterpillar
- Reinforced cylinders ensure high haul-off forces even for low friction products.

Twin caterpillar haul-offs for pipe

Multi-motor technology

- The drive technology with a digital controller and a separate asynchronous drive on each caterpillar which creates exact speed control.

Other performance characteristics:

- Elimination of mechanical force distribution
- Improvement in efficiency
- Optimization of production reliability



Guidance and drive of caterpillar

Model	R 50 SE	R 100 SE	R 160 SE	R 250 SE
Max. pipe diameter [mm]	63	90	125	250
Min. pipe diameter [mm]	25	25	25	32
Min. pipe diameter with V-shaped and flat pads [mm]	16	16	16	25
Number of rubber pads	134	179	200	200
Contact length [mm]	600	800	1200	1600
Max. haul-off tension [N]	3000	7000	10,000	24,000
Speed range [m/min]	0.4 – 20	0.3 – 15	0.2 – 10	0.18 – 9
Drive Load [kW]	2 x 0.9	2 x 1.4	2 x 1.4	2 x 2.1
Extrusion height	Standard	1160		
	Optional	1000 – 1250		
Length [mm]	2870	3270	3500	4200
Width [mm]	960	960	960/1110	1110/1370
Height = Extrusion height + x [mm]	720	770	770	845
Weight [kg]	900	1050	1300	2100

In the interest of continuing development, we reserve the right to amend any specification without notice.



American Maplan Corporation
823 S.By-Pass · PO Box 832 · McPherson, KS 67460
Tel. 620 241 6843 · Fax 620 241 0207