



FRONT MOUNT BITE LIMITER MULCHER

HM SERIES

Shearex's HM bite limiter mulcher is the ultimate tool for fast and efficient roadside maintenance, invasive species removal, land clearing, and underbrush maintenance.

The front-mount hydraulic mulcher offers the speed and power to complete any land-clearing job.

HYDRAULIC PUSH BAR

The hydraulic push bar is a convenient piece of equipment that allows the aligning and control of materials during mulching operation.

Reliable and robust, it has been built for heavy duty operations for all the SV models of HM series.



G2.0 BALANCING STANDARD ZERO VIBRATION ROTOR

We are the only mulcher manufacturer to adhere to the highest vibration standards in the market, the G2.0 Balancing quality. Optimal balance is crucial to minimize vibrations, premature bearing wear, and structural fatigue.



BLADE ANGLE OPTIMISED FOR A PERFECT CUT AND LONGER UTILISATION

Our blade mount design provides greater durability and cutting power. The rotor maintains its power throughout the tooth life.



PROTECTION SYSTEM CONVEX DX™

Through our patented rotor configuration, the depth limiting rings are welded to both sides of the tooth holder, greatly increasing holder strength and durability. The ring geometry forces the material towards to the center of the blade instead of just the edges, for less blade wear and long-lasting performance.





High visibility.

Bolt-on liner and skid shoes made of Hardox® for ultimate wear resistance. Easy maintenance or replacement.

Closer center of gravity for better handling.

Robust rotor design.

High torque variable and adjustable motor.

Up to 100 inches cutting width.

Innovative oil cooling system: Cools the oil when running idle, resulting in a temperature reduction of 30 to 50°F.

		HM-60SR	HM-70SR	HM-70DR	HM-70SV	HM-88LV	HM-90SV	HM-100SV2
Recommended Minimum Carrier Power	HP (KW)	68 (50)	74 (55)	74 (55)	125 (95)	140 (104)	170 (127)	250 (190)
Cutting Width	IN (CM)	59 (149)	75 (190)	75 (190)	75 (190)	87 (220)	91 (230)	100 (254)
Cutting Dist. from Ground Level	IN (CM)	0.4 (1)	0.4 (1)	0.4 (1)	0.4 (1)	0.4 (1)	0.4 (1)	0.4 (1)
Number of Blades on Rotor		21	27	27	24	28	33	36
Optimal Target Material Diameter	IN (CM)	6 (15)	8 (20)	8 (20)	10 (25)	10 (25)	15 (40)	24 (60)
Exterior Length	IN (CM)	49.25 (125)	49.25 (125)	48 (124)	48.75 (124)	50 (126)	47 (118)	47 (118)
Exterior Height	IN (CM)	51 (129)	51 (129)	57 (146)	59 (150)	59 (150)	53 (134)	59 (150)
Exterior Width	IN (CM)	72 (183)	89 (226)	89 (226)	90 (228.25)	102 (259)	106 (269)	118 (300)
Rotor Diameter	IN (CM)	17.625 (45)	17.625 (45)	17.625 (45)	20 (50)	20 (50)	20 (50)	20 (50)
Approximate Typical Weight	LBS (KG)	2,300 (1,043)	3,000 (1,361)	3,285 (1,490)	3,640 (1,655)	3,880 (1,760)	4,272 (1,938)	5,094 (2,311)

HYDRAULICS

Variable Displacement Axial Piston Motor	CC	80	110	110	160	160	160	2x160
Min. Required Continous Flow	GAL/MIN (L/MIN)	23 (87)	33 (125)	33 (125)	47 (178)	47 (178)	47 (178)	95 (360) for 160cc 70 (265) for 110cc
Max Required Continuous Flow	GAL/MIN (L/MIN)	42 (159)	54 (204)	54 (204)	76 (288)	76 (288)	76 (288)	150 (568)
Max. Operating Pressure	PSI (BAR)	6,000 (410)	6,000 (410)	6,000 (410)	6,000 (410)	6,000 (410)	6,000 (410)	6,000 (410)
Rotating Speed	RPM	2,600	2,600	2,600	2,500	2,500	2,300	2,300

FEATURES

Hydraulic Push Bar	N/A	N/A	N/A	Optional	N/A	Optional	Optional
Front Deflector	N/A	N/A	Included	N/A	N/A	N/A	N/A
Hydraulic Motor Option	N/A	N/A	N/A	N/A	N/A	N/A	2 x 110cc

This information is subject to change without notice.