



**SHEAREX**

# EXCAVATOR MULCHER

VM SERIES

Shearex's excavator mulcher attachment is the ultimate tool for fast and efficient roadside maintenance, invasive species removal, land clearing, and underbrush maintenance! With years of experience, Shearex provides one of the most powerful attachment for land clearing on the market, providing an easy coupling mechanism, a convenient tilting system, and available with an optional grapple.

## G 2.0 BALANCE QUALITY

Our mulchers respect the highest balancing standard in the industry. Enhance your performance by using the Shearex mulchers, ensuring smoother operation, reducing vibration and minimizing stress on the carrier.



## BLADE ANGLE OPTIMISED FOR A PERFECT CUT

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



## PROTECTION SYSTEM CONVEX DX™

Our unique protection system is made of four fins types that limit the amount of material cut with each pass and concentrates smaller material toward the center of the blades.



## NOW AVAILABLE 2 TYPES OF BLADES

Depending on your operation, choose between 2 blade types when ordering your mulcher to provide maximum durability to your equipment.

Shearex **carbide blades** are available for all of your land clearing operation in soil with stones. Choose these blades for land clearing near roads, where asphalt parts can be found, or in fields where the ground could be more rocky. These hammers provide ground breaking durability to your equipment.

We also offer **cutting blades** which are very efficient for cutting material on smooth soils, land clearing operation and forestry application. The blade angle provides a high efficiency.



		VM-25SK	VM-35SK	VM-40SL	VM-50SR	VM-60SR	VM-65SV
Excavator Size	T (LBS)	5 to 8 (11,000 to 18,000)	8 to 12 (18,000 to 26,000)	12 to 15 (26,000 to 33,000)	15 to 20 (33,000 to 44,000)	20 to 25 (44,000 to 55,000)	25 to 40 (55,000 to 88,000)
Recommended Min. Carrier Power	KW (HP)	37 (50)	40 (54)	48 (65)	59 (80)	96 (130)	127 (170)
Cutting Width	IN (CM)	27.5 (70)	37.2 (94.5)	42 (106.7)	48.4 (123)	58.75 (149)	65 (165)
Cutting Distance From Ground Level	IN (CM)	0.25 (0.64)	0.25 (0.64)	0.25 (0.64)	0.25 (0.64)	0.25 (0.64)	0.25 (0.64)
Number of Blades on Rotor		9	11	14	17	21	21
Optimal Target Mat. Dia.	IN (CM)	<4 (<10)	4 (10)	6 (15)	10 (25)	15 (40)	20 (50)
Exterior Length	IN (CM)	41 (104)	50 (127)	57 (140)	66 (168)	77 (195)	89 (226)
Exterior Height	IN (CM)	30.5 (77)	30 (76)	33.5 (85)	35 (89)	35 (89)	42 (107)
Exterior Width	IN (CM)	23 (58)	25 (63)	25.4 (64.5)	28 (71)	28 (71)	29 (74)
Rotor Diameter	IN (CM)	15.15 (38)	15.15 (38)	16 (41)	17.7 (45)	17.7 (45)	19.7 (50)
Approximate Weight	LBS (KG)	1,100 (499)	1,150 (522)	1,668 (757)	2,150 (975)	2,614 (1,188)	3,707 (1,681)

## HYDRAULICS

Variable Displacement Axial Piston Motor	CC	28	60	80	110	110	160
Min. Required Continous Flow	GAL/MIN (L/MIN)	13 (49)	20 (76)	30 (114)	42 (159)	42 (159)	51 (193)
Max. Operating Pressure	PSI (BAR)	6,000 (410)	6,000 (410)	6,000 (410)	6,000 (410)	6,000 (410)	6,000 (410)
Rotating Speed	RPM	3,800	3,400	3,500	3,000	3,000	3,000
Pulley Ratio		1:2:1	1:1	1:1	1:2:1	1:2:1	1:2:1
Pressure Line I.D.	# (IN)	#12 (0.75)	#10 (0.625)	#16 (1)	#16 (1)	#16 (1)	#16 (1)
Return Line I.D.	# (IN)	#12 (0.75)	#10 (0.625)	#16 (1)	#16 (1)	#16 (1)	#20 (1.25)
Drain Line I.D.	# (IN)	#8 (0.5)	#8 (0.5)	#10 (0.625)	#12 (0.75)	#12 (0.75)	#12 (0.75)

## FEATURES

Tilting System	Optional	Optional	Optional	Optional	Optional	Optional
Bolt-on Wear Liner	N/A	N/A	Included	Included	Included	Included
Grappling Hook	N/A	Optional	Optional	Optional	Optional	Optional