



**SHEAREX**

# EXCAVATOR BITE LIMITER MULCHER

VM SERIES - MINI EXCAVATOR MODELS

Introducing the VM Series bite limiter mulcher for excavators by Shearex, the ultimate tool for fast and efficient roadside maintenance, invasive species removal, land clearing, and underbrush maintenance. This mulcher boasts high visibility, a Poly-Chain® Carbon transmission belt and bolted-on liners and skid shoes made of Hardox® for ultimate wear resistance and easy maintenance. Enjoy a closer center of gravity for better handling, and heavy-duty spiral hydraulic hose protectors. Shearex provides one of the most user-friendly coupling mechanisms, a convenient tilting system, and offers an optional grapple, making the VM Series a versatile and indispensable addition to your equipment lineup.

## G2.0 BALANCING STANDARD ZERO VIBRATION ROTOR

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 Convex DX system uses a double-ring to force the material towards the center of the tooth, effectively reducing the amount of material being cut per pass and alleviating strain on the blade holder.



### 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 loam, clay and rocky soils. These hammers provide ground breaking durability to your equipment.

Our advanced **cutting blades** are the pinnacle of efficiency. Designed for land clearing and forestry applications in regions with fine textured soils where high efficiency is key. Offered in both standard and high abrasion resistant materials, ensuring Shearex has the perfect pairing for your application.



		VM-25SK	VM-35SK
Excavator Size	T (LBS)	5 to 8 (11,000 to 18,000)	8 to 12 (18,000 to 26,000)
Recommended Min. Carrier Power	KW (HP)	37 (50)	40 (54)
Cutting Width	IN (CM)	27.5 (70)	37.2 (94.5)
Cutting Distance From Ground Level	IN (CM)	0.25 (0.64)	0.25 (0.64)
Number of Blades on Rotor		9	11
Optimal Target Mat. Dia.	IN (CM)	<4 (<10)	4 (10)
Exterior Length	IN (CM)	41 (104)	50 (127)
Exterior Height	IN (CM)	30.5 (77)	30 (76)
Exterior Width	IN (CM)	23 (58)	25 (63)
Rotor Diameter	IN (CM)	15.15 (38)	15.15 (38)
Approximate Weight	LBS (KG)	1,100 (499)	1,150 (522)

### HYDRAULICS

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

### FEATURES

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