

# COMPACT EXCAVATOR MULCHERS VL & VM SERIES



## VL SERIES 2 TO 7-TONS

Poly-Chain® Carbon transmission belt.

Internal shell/ wear plate made of Hardox® 500 for ultimate wear resistance.

Durable, drainless piston motor built to withstand maximum pressure up to 5,800 PSI and return line pressure up to 360 PSI. Enjoy enhanced durability and speed while minimizing internal wear.

Extremely durable oversized axles and bearings.

Bolt-on anvil for easy replacement and added durability.

## VM SERIES 5 TO 12-TONS

Poly-Chain® Carbon transmission belt.

Bolt-on liner made of Hardox® 500 for ultimate wear resistance. Easy maintenance and replacement.

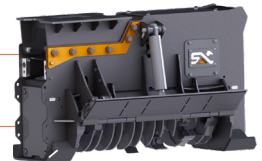
Robust rotor design.

High torque variable and adjustable motor.

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

Bolt-on anvil for easy replacement and added durability.

Hydraulic door included in all models.



Scan to view  
product in action



Scan to view  
product in action

# COMPACT EXCAVATOR MULCHERS

## VL & VM SERIES

### PRODUCT SPECIFICATIONS

		VL-20SC	VL-30SC	VL-40SC	VM-25SK	VM-35SK
Excavator Size	T	2 to 4	3 to 7	6 to 10	5 to 8	6 to 12
Recommended Min. Carrier Power	HP (KW)	20 (15)	30 (23)	47 (35)	50 (37)	54 (40)
Cutting Width	IN (CM)	21.25 (54)	31 (78)	40 (101)	28 (70)	37 (95)
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)
Number of Blades on Rotor		8	12	16	9	13
Optimal Target Material Diameter	IN (CM)	<3 (<7.5)	<4 (<10)	<5 (<12)	<4 (<10)	4 (10)
Door*		Mechanical	Mechanical	Mechanical	Hydraulic	Hydraulic
Exterior Length	IN (CM)	32.5 (83)	42 (107)	51 (129)	41 (104)	50 (127)
Exterior Height	IN (CM)	22.75 (58)	22.75 (58)	22.75 (58)	31 (77)	31 (77)
Exterior Width	IN (CM)	18 (45)	18 (45)	18 (45)	23 (58)	23 (58)
Rotor Diameter	IN (CM)	13 (33)	13 (33)	13 (33)	15 (38)	15 (38)
Approximate Weight	LBS (KG)	430 (195)	550 (249)	735 (334)	1,100 (499)	1,307 (593)

### HYDRAULICS

Fixed Axial Piston Motor	CC	12 (18 optional)	18	32	28	60
Min. Required Continuous Flow	GAL/MIN (L/MIN)	8 (30)	13 (49)	22 (83)	15 (57)	23 (87)
Max. Required Continuous Flow	GAL/MIN (L/MIN)	18 (68)	18 (68)	34 (129)	22 (83)	38 (144)
Max. Operating Pressure	PSI (BAR)	5,800 (400)	5,800 (400)	5,800 (400)	6,000 (410)	6,000 (410)
Rotating Speed	RPM	3,500	3,500	3,500	3,800	3,500
Pulley Ratio		1:1	1:1	1:1	1.2:1	1:1
Pressure Line I.D.	# (IN)	#10 (0.625)	#10 (0.625)	#12 (0.75)	#12 (0.750)	#12 (0.750)
Return Line I.D.	# (IN)	#10 (0.625)	#10 (0.625)	#12 (0.75)	#12 (0.750)	#12 (0.750)
Drain Line I.D.	# (IN)	-	-	-	#8 (0.500)	#8 (0.500)

### FEATURES

Tilt*	-	-	-	Optional	Optional
Grapple*	-	-	Optional	-	Optional
Heel	Optional	Optional	Optional	Optional	Optional

**\*Door** - Requires 1 auxiliary hydraulic line (pressure + return) and 1 case drain. A diverter valve is included for door control. Electrical power (12V or 24V) must be supplied by the machine; wiring is included.

**\*Tilt** - A second double auxiliary hydraulic line is strongly recommended to allow lower pressure settings. Operation with a double diverter valve is possible but not recommended.

**\*Grapple** - Combination of tilt and grapple: Requires 2 double auxiliary hydraulic lines plus a case drain. Use of a triple diverter valve is not recommended due to poor performance.



### INCLUDED WITH ALL VL & VM MULCHERS

## COMPLIMENTARY CUSTOMER KIT

Every Shearex mulcher comes with a complimentary startup kit, tailored to each VL or VM model, to ensure you're ready to work from day one. To know exactly what's included for your machine, speak with your Shearex sales representative.