

# MAX

## CANE LOADER



### HYDRAULIC DRIVES

All hydraulic components are installed by experienced technicians using best products from VICKERS U.S.A.



### PLANETARY GEAR DRIVES

Power wheel planetary drives provide 95% Power transfer efficiency. Its rugged compact design is to provide long service life.



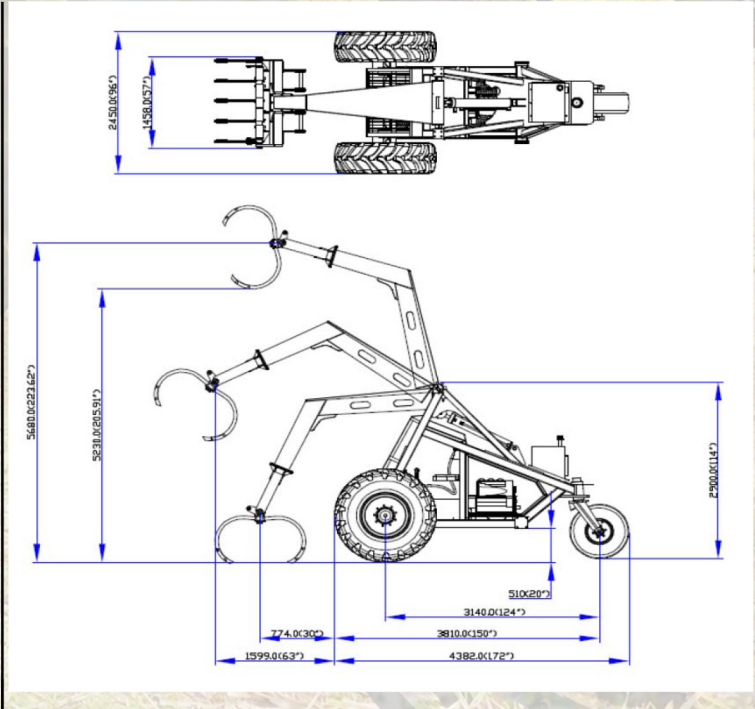
### HYDRAULIC MOTORS

Hydraulic motors from EATON U.S.A.



# Technical Specifications

<b>STANDARD</b>			
<b>ENGINE ( Germany )</b>	Deutz F3L912	<b>STEERING SYSTEM (USA)</b>	MAX treadle control system
Configuration	Three cylinders, In-line	<b>GRAPPLE</b>	
Aspiraton	Naturally aspirated	Capacity	0.31 m <sup>2</sup>
Cooling System	Air cooled by engine driven fan	<b>SERVICE CAPACITIES</b>	
Net Power	40 kW (55 hp) @ 2,500 rpm to spec DIN/ISO 3046/1(IFN)	Fuel	76 l (20 US gal)
Max Torque	175 Nm @ 1,500 rpm	Hydraulic oil	140 l (37 US gal)
Displacement	2828 cm <sup>3</sup>	<b>OPERATING WEIGHT</b>	500 kgs
<b>TRANSMISSION (USA)</b>	Hydrostatic	<b>MACHINE GROSS WEIGHT</b>	4500 kgs
<b>PUMP</b>		<b>STANDARD EQUIPMENT</b>	
Type	Variable displacement, tandem axial piston pump	Gauges	Hour meter Temperature gauge Hydraulic filter gauge Fuel level gauge
Control Running :	Linkage via foot pedals	Warning lights	Engine oil pressure - Break belt warning Alternator charge
Pressure	241.3 Bar (3,500 psi)	General	Stainless steel exhaust silencer Fuel level sight glasses Pre cleaner Air cleaner restriction indicator Hydraulic level sight glasses Seat belt Two exits
Flow	40.6 cm <sup>3</sup> (2.48 in <sup>3</sup> )	<b>OPTIONAL EQUIPMENT</b>	Working lights, Horn and Emergency Stop Engine
<b>MOTOR</b>		<b>LINE DRAWINGS</b>	
Type	Axial piston		
Rating	Pressure 241.3 Bar (3,500 psi) Flow 40.6 cm <sup>3</sup> (2.48 in <sup>3</sup> )		
<b>WHEEL DRIVERS</b>			
Configuration	Double planetary reduction		
Reduction ratio	49.00 : 1		
Travel speed	10 km/hr		
<b>WHEELS</b>			
FRONT Tyre:	Size 16.9/14-28 8 ply Type H.T. NYLON		
REAR Tyre:	Size 400/60-15.5 Type Tube less		
Ground pressure (unladen)	Front 206.84 kPa (30 psi) Rear 241.32 kPa (35 psi)		
<b>HYDRAULIC SYSTEM (USA)</b>			
<b>PUMPS</b>	Open centre dual circuit		
Type:	vane pump		
Application:	Boom		
Flow:	41.64 lpm(11 Us gpm)@1,200 rpm		
Pressure:	172 bar (3,500 psi)		
Type:	22cc fixed displacement gear pump		
Application:	Attachments		
Flow:	26.4 lpm (7 US gpm)@1,200 rpm		
Pressure	210 Bar (3045 psi)		
Type:	6.6 cc. fixed displacement Vane pump		
Application:	Transmission charge pump		
Flow:	7.57 lpm (2 US gpm)@ 1,200 rpm.		
Pressure:	10 Bar (145 psi)		
<b>ELECTRICAL SYSTEM (Germany)</b>			
Voltage	12 V		
Alternator rating	14 V 35A		
Battery capacity	100 Ah		



Note: All data subject to alteration without notice.

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