



CARRIAGE DRIVES



***Quality Engineering,
Rugged Construction,
Dependable Sawmill Equipment.***

HMC Carriage Drives

The HMC HD series Carriage Drives are a closed loop hydrostatic drive using a low speed, high torque motor direct coupled to the cable drum. This design eliminates chains and sprockets and the inherent wear and performance problems found in competitive drives.

Two models are available, the HD-40 for carriage weights of 5,000 to 8,000 lbs. and the HD-50 for carriages in the 8,000 to 14,000 lb. range. Both drives feature hydraulic reservoirs with in-tank heater and oil cooler systems, as well as a 10 micron intake filtration. Manual control is via a mechanical linkage system or by sliding cable from the sawyer's cab to the pump. Push button start-stop stations and motor starters are also included with each drive.

SPECIFICATIONS	HD-40	HD-50
Max Carriage Weight (empty)	8,000 lbs	14,000 lbs.
Output Torque	2,670 ft/lbs	3,990 ft/lbs
Drum Diameter	16 in. dia	18 in. dia
Cable Pull	4,000 lbs.	5,320 lbs.
Top Speed	600 ft/min	834 ft/min
Maximum Flow	41 gal/min	77 gal/min
Maximum Pressure	3,000 psi	4,000 psi
Prime Mover	50 hp (intermittent)	100 hp (intermittent)
Reservoir Capacity	30 gal	75 gal
Pump Speed	1,800 rpm	1,800 rpm
Cooling	Air	Air
Cable Diameter	5/8"	3/4"
Drive Size L x W x H	Total Package 48" x 50" x 72"	Total Package 48" x 60" x 90"
Control	Manual – sliding cable or mechanical linkage	Manual – sliding cable or mechanical linkage
System Protection	10 micron intake filter, non-bypass. High temperature shut-off switch	10 micron intake filter, non-bypass. High temperature shut-off switch



HMC Corporation

284 Maple Street
 Contoocook, NH 03229
 603-746-4691 fax 603-746-4819

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