

Model: LT70HD Rev. A5.00 - B4.06**Dimensions:**

Length: 26'-2"
 Width: 6'-3"
 Height (Ground To Mast): 7'-5 1/2"
 Height (Max Head Position): 12'-0"
 Bed Height (Ground To Bed): 29"
 Blade Length: 184"

Weights:	D51	D62	D42	E25	D55
Basic Unit (Wet):	4165 lbs	4620 lbs	4115 lbs	3986 lbs	4076 lbs
w/Trailer:	4590 lbs	5045 lbs	4540 lbs	4411 lbs	4501 lbs
Tongue Weight:			157 lbs		

Trailer:
Axle Capacity: 5080 lbs
Tire Capacity: 2540 lbs
Tire Size: ST225/75R15
Weight: 425 lbs

Log Capacity:
Length: 20'-2"
Diameter: 36"
Weight: 4400 lbs.
Max Clamp Width (from stop block): 26"
Max Throat Width (guide to guide): 29"
Max Cant Width (outer guide to stop block): 25 1/2"

Engine:	D51	D62	D42	E25	D55
Manufacturer:	Caterpillar	Caterpillar	Kubota	Lincoln	Yanmar
Fuel:	Diesel	Diesel	Diesel	Electric	Diesel
Horsepower Rating:	51	62	42	25	55.2
Weight:	485 lbs	525 lbs	435 lbs	263 lbs	396 lbs
Idle Speed:	1500 RPM	1500 RPM	1500 RPM	3500 RPM	1500 RPM
High Throttle Speed (No Load):	3100 RPM	2950 RPM	3200 RPM	3500 RPM	2800 RPM
Noise Level - @ operator position:	92 dBA	92 dBA	98 dBA	75 dBA	72 dBA
Noise Level - 20 feet away:	84 dBA	84 dBA	87 dBA		
Noise Level - 200 feet away:		70 dBA		63 dBA	
Blade Speed (No Load):	sfp	5620 sfp	sfp	6114 sfp	
Fuel Consumption (per hour):	1.5 gal	1.5 gal.	1 gal.	20 KwHr	
Cooling System:	Water	Water	Water	N/A	Water
Drive Shaft O.D.:	1 7/16"	1 7/16"	1 7/16"	1 5/8"	1 7/16"
Drive Pulley O.D.:	5.5"	5.5"	5.5"	5"	5.5"
Drive Belt:	3/5VX950	3/5VX950	3/5VX950	3/5VX950	3/5VFX950
Blade Braking:	6-7 Seconds	6-7 Seconds	6-7 Seconds	6-7 Seconds	6-7 Seconds
Oil Capacity w/Filter:	10 qts.	10.6 qts.	6.7 qts.	N/A	7.8 qts.
Battery:	12V 1100CCA	12V 1100CCA	12V 1100CCA	N/A	12V 1100CCA
Alternator Output:	190 Amps	190 Amps	190 Amps	N/A	190 Amps
Alternator Belt:	6PK415	6PK415	6PK400	N/A	6PK1145

Rates:	D51	D62	D42	E25	D55
Max. Forward (Not Cutting):	205 ft./min.	182 ft./min.		208 ft./min.	
Reverse:	200 ft./min.	186 ft./min.		206 ft./min.	
Hourly Production (Average range w/experienced operators/average size logs):	up to 850 bdf.				
Saw Head Up (24"):	6.72 sec.	11.68 sec.	8.71 sec.	8.94 sec.	
Saw Head Down (24"):	5.63 sec.	7 sec.	5.36 sec.	7.57 sec.	

Options:	
Single/Lap Siding Option: 143 lbs.	
Debarker: lbs.	
Laser Sight: lbs.	
6' Bed Extension: 390 lbs.	
12' Bed Extension: 758 lbs.	
24' Bed Extension: 1122 lbs.	
Accuset: 13 lbs	±1/32" per drop
Operator Seat: 112 lbs.	
Resaw Attachment (DC only): 231 lbs.	

Electrical Requirements (E25):	E25-L			E25-H				E25-C
Voltage (3Ph 50/60Hz ±5%):	208	220	230	380	415	440	460	575
Fuse Disconnect - Saw Control:	100 Amp	100 Amp	100 Amp	60 Amp	60 Amp	60 Amp	60 Amp	60 Amp
Time Delay Fuse - Saw Control:	100 Amp	100 Amp	100 Amp	60 Amp	50 Amp	50 Amp	50 Amp	40 Amp
Suggested Wire Size - Saw Control (50' max.):	3AWG	3AWG	3AWG	6AWG	6AWG	6AWG	6AWG	6AWG
Fuse Disconnect - Hydraulic Control:	30 Amp	30 Amp	30 Amp	30 Amp	30 Amp	30 Amp	30 Amp	30 Amp
Time Delay Fuse - Hydraulic Control:	16 Amp	16 Amp	16 Amp	8 Amp	8 Amp	8 Amp	8 Amp	8 Amp
Suggested Wire Size - Hydraulic Control (50' max.):	12AWG	12AWG	12AWG	14AWG	14AWG	14AWG	14AWG	14AWG

RotoPhase Option (converts 1Ph to 3Ph):	
Voltage (1Ph 50/60Hz):	230
Main Disconnect:	200 Amp
Fused Disconnect:	200 Amp
Time Delay Fuse:	125 Amp
Output:	100 Amp
Wire Size:	1/0AWG+