

Model: LT70HD-R Rev. A1.00 - A4.01**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
Basic Unit (Wet):	5039 lbs	5079 lbs	4719 lbs	4486 lbs
w/Trailer:	5360 lbs	5400 lbs	5040 lbs	4807 lbs
Tongue Weight:		160 lbs		

Trailer:
Axle Capacity: 6000 lbs
Tire Capacity: 3230 lbs
Tire Size: 8-14.5 12PR
Weight: 321 lbs

Log Capacity:
Length: 20'-2"
Diameter: 36"
Weight: 4400 lbs.
Max Clamp Width (from stop block): 26"
Max Throat Width (guide to guide): 28"
Max Cant Width (outer guide to stop block): 25 1/2"

Engine:	D51	D62	D42	E25
Manufacturer:	Caterpillar	Caterpillar	Kubota	Lincoln
Fuel:	Diesel	Diesel	Diesel	Electric
Horsepower Rating:	51	62	42	25
Weight:	485 lbs	525 lbs	435 lbs	263 lbs
Idle Speed:	1500 RPM	1500 RPM	1500 RPM	3500 RPM
High Throttle Speed (No Load):	3100 RPM	2950 RPM	3200 RPM	3500 RPM
Noise Level - @ operator position:	92 dBA	92 dBA	98 dBA	75 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
Drive Shaft O.D.:	1 7/16"	1 7/16"	1 7/16"	1 5/8"
Drive Pulley O.D.:	5.5"	5.5"	5.5"	5"
Drive Belt:	3/5VX950	3/5VX950	3/5VX950	3/5VX950
Blade Braking:	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
Battery:	12V 1100CCA	12V 1100CCA	12V 1100CCA	N/A
Alternator Output:	190 Amps	190 Amps	190 Amps	N/A
Alternator Belt:	6PK415	6PK415	6PK400	N/A

Rates:	D51	D62	D42	E25
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):	bdf.			
Saw Head Up (24"):	10.8 sec.	18.77 sec.	14 sec.	14.37 sec.
Saw Head Down (24"):	10.5 sec.	13.07 sec.	10 sec.	14.12 sec.

Options:	
Single/Lap Siding Option: 143 lbs.	
Debarker: lbs.	
Laser Sight: lbs.	
Accuset: 13 lbs	±1/32" per drop
6' Bed Extension: 390 lbs.	
Resaw Attachment: 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+