



LC550

70,000 Lbs. Pull

1500' Reach

One Piece Move

LC650

95,000 Lbs. Pull

1800' Reach

Two Piece Move



MOVE WOOD

QUICKLY • SAFELY • EFFICIENTLY

T-MAR
INDUSTRIES LTD.

MAKING OUR CUSTOMERS
MORE COMPETITIVE



www.tmarequipment.com

MOVE WOOD SAFELY & EFFICIENTLY WITH T-MAR INDUSTRIES LOG-CHAMP YARDERS

LOG-CHAMP 550 & 650 Features

WINCH

- Efficient right-angle drive eliminates chain case
- Regenerative braking in both directions
- Side by side drum arrangement with large diameter drums
- Equal speed drum reversing
- Splined shafts for easy maintenance
- Aerospace quality heat treated alloy gears for maximum efficiency and durability

HYDRAULICS

- Dual Piston pumps and valving provide flow for travel, swing, boom hoist, guylines
- Variable speed hydraulic auto-reversing cooling fan
- Hydraulic constant speed cooling pump
- Hydraulic 60 CFM rotary vane air compressor

CAB & CONTROLS

- Rear entry forestry style cab with tall front window
- Parker IQAN electronic control system with electronic joystick controls
- Touchscreen gauge cluster with on-screen diagnostics
- Electric over hydraulic / air for smooth, tight winch control
- On-screen distance readout with audible proximity alert



Easy relocation with a self folding boom and gantry, power tilting cab on both models. In addition the 550 can be moved in a single load.

CAT Tier 3 and Tier 4 engines and transmissions offer excellent power, reliability and fuel economy.



LC550

LC650

POWER

Caterpillar C9.3B Tier4
375 HP @ 2200 RPM
860 Litres Fuel Capacity

Caterpillar C15 Tier4
475 HP @ 2200 RPM
1300 Litres Fuel Capacity

TRANSMISSION

Caterpillar CX28
Lockup Torque Converter
5 Forward Speeds

Caterpillar CX31
Lockup Torque Converter
5 Forward Speeds

SWING

L&S Planetary Drive
103,000 Ft. Lbs. Swing Torque
75 1/2" Bearing

Dual L&S Planetary Drives
175,000 Ft. Lbs. Swing Torque
75 1/2" Bearing

MAIN DRUMS

Capacity: 1500 Ft. (3/4") Swaged Rope
Maximum Line Pull: 70,000 Lbs.
Hydraulically Actuated Main Pulling
and Drum Clutches
New Generation Wichita 225
Water Cooled 25" Slip Clutch
Lebus style Lagging Standard

Capacity: 1840 Ft. (7/8") Swaged Rope
Maximum Line Pull: 95,000 Lbs.
Air Actuated Main Pulling Clutch
Hydraulically Actuated Drum Clutches
New Generation Wichita 136
Water Cooled 36" Slip Clutch
Lebus style Lagging Standard

HAULBACK DRUM

Capacity: 3100 Ft. (3/4") Swaged Rope
Maximum Line Pull: 67,000 Lbs.
Hydraulically actuated Pulling Clutch
New Generation Wichita 225
Water Cooled 25" Slip Clutch
Lebus style Lagging Standard

Capacity 3950 Ft. (7/8") Swaged Rope
Maximum Line Pull: 95,000 Lbs.
Air Actuated Pulling Clutch
New Generation Wichita 136
Water Cooled 36" Slip Clutch
Lebus style Lagging Standard

STRAWLINE DRUM

Capacity: 4500 Ft. (3/8") Rope
Line Pull: 15,000 Lbs.

Capacity: 4500 Ft. (3/8") Rope
Line Pull: 15,000 Lbs.

BOOM

50 Ft. With Swivel Fairlead for Haulback
20" Diameter, Wide Mainline Sheaves
20" Diameter Haulback Sheave
Staggered Fairleads Reduce Line Wrap
Live Boom

60 Ft. With Swivel Fairleads All Lines
20" Diameter, Wide Mainline Sheaves
24" Diameter Haulback Sheave
Staggered Fairleads Reduce Line Wrap
Live Boom

GANTRY

36 Ft. High Walking Fairlead Design
3 Guylines, Cab and Wireless Controls
Capacity: 250 Ft. (1" Dia.) Swaged
Gantry Raising / Lowering Package Std

42 Ft. High Walking Fairlead Design
3 Guylines, Cab and Wireless Controls
Capacity: 300 Ft. (1 1/8" Dia.) Swaged
Gantry Raising / Lowering Package Std

UNDERCARRIAGE

CAT Track Frames and Components
8" Pitch Excavator Rail c/w 24" Pads
10 Heavy Duty Excavator Rollers
L&S Final Drives c/w 2 Speed Motors

CAT Track Frames and Components
8 1/2" Pitch Excavator Rail c/w 28" Pads
11 Heavy Duty Excavator Rollers
L&S Final Drives c/w 2 Speed Motors

SHIPPING

Operating Weight: 105,000 Lbs.
Shipping Width: 12' 6"
Height: 11' 10"

Operating Weight: 150,000 Lbs.
Shipping Width: 13' 7 1/2"
Height: 13'

STEEP-SLOPE LOGGING EQUIPMENT DESIGN & MANUFACTURING

At T-MAR we are dedicated to making our customers more competitive. That means higher operating efficiency, higher reliability and superior customer support.

We do that by designing and building modern, efficient, fast and reliable machinery. Our purpose-built machines work harder and run faster than anything else on the market. Our machines are built to last with, current components, innovative technology and quality workmanship.

We do it in a state of the art shop, with dedicated people and innovative engineering. With a deep understanding and years of experience in cable equipment and logging grapples we design and build the best equipment possible. Our skilled staff and updated tooling provide the high quality and availability that our customers demand.

T-MAR
INDUSTRIES LTD.

www.tmarequipment.com

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Designed for high speed and multi-stem capacity to move wood as quickly as possible; in hand and machine felled settings.



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