

LANDRICH



Track Harvester



THE MOST EFFICIENT & PROFITABLE TRACK HARVESTER ON THE MARKET

A.L.P.A.
EQUIPMENT LTD

LANDRICH





REDESIGNED FOR

- MAXIMUM EFFICIENCY
- LOWER FUEL CONSUMPTION
- LOWER COST PER TREE
- LONGER-LASTING COMPONENTS
- A LOWER TOTAL COST OF OWNERSHIP

A large yellow and red Landrich LR-2.0 track harvester is shown in a forest setting. The machine is positioned on the left side of the frame, with its tracks and cutting head visible. In the background, another similar machine is partially visible, working among tall evergreen trees. The ground is covered with fallen branches and debris. The sky is blue with some clouds.

DESIGNED AND BUILT BASED ON THE NEEDS AND WANTS OF FORESTRY EXPERTS

The Landrich has been redesigned into the “Landrich 2.0” while improving on the core design principles that have made this purpose-built track harvester in a class of its own.

The Landrich 2.0 has been optimized for the cut-to-length method of mechanized logging, with state-of-the-art engineering and design methods.

A Landrich’s purpose is to cut and process trees in the most efficient manner possible. Every design decision revolved around maximizing efficiency and reducing fuel consumption while operating in a Canadian forest of mixed tree species, rugged terrain, and extreme seasonal changes with heavy snowfalls.



**NEWLY DESIGNED CAB FOR GREATER
OPERATOR COMFORT AND VISIBILITY**



The operator and their comfort are at the center of the design process.

The **Landrich 2.0** spacious cab has been improved with even more space and comfort features. Integrated exterior toolbox, upgraded air conditioning, and a 20% increase in cabin space are just some features that the design team integrated from customer feedback.

The redesigned cab has increased visibility, giving the operator a 180-degree panoramic view and seeing the left and right tracks from the operator's seat.

A yellow and black Landrich 2.0 harvester is shown in a dense forest. The machine is positioned on a pile of cut logs and branches. Its long, two-piece boom is extended upwards and to the right, reaching into the canopy. The boom is black with yellow accents and has "LANDRICH" and "HC-310" written on it. A yellow line points from the text box to the joint of the boom. The harvester's body is yellow with a red stripe and has "LR-2.0" on the side. The background is a dense forest of tall evergreen trees under a blue sky with some clouds.

The 10 m two-piece boom gives the **Landrich 2.0** a long reach for its size class, saving on machine movement and giving the operator more choices in tree selection.

**OPTIMIZED HYDRAULICS
FOR SMOOTH BOOM AND SWING**



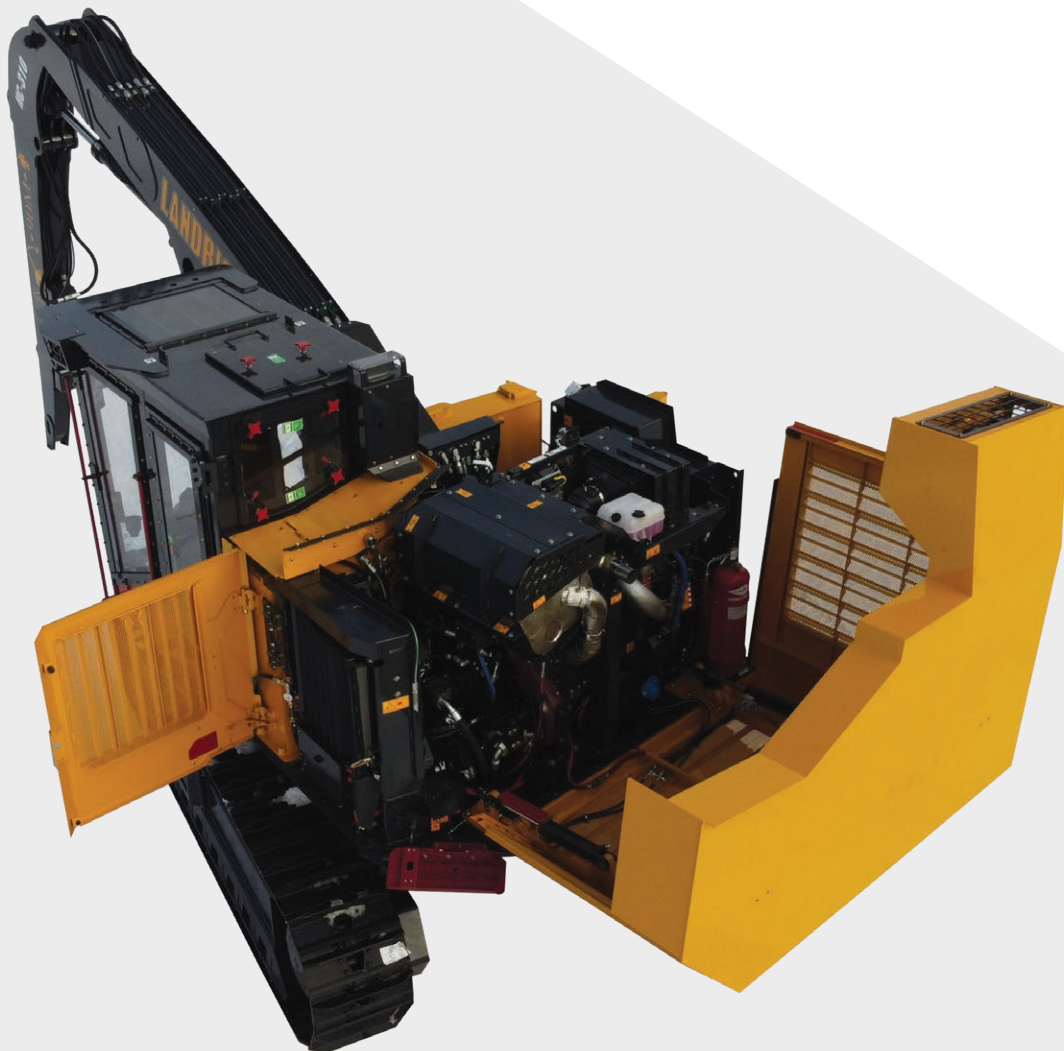
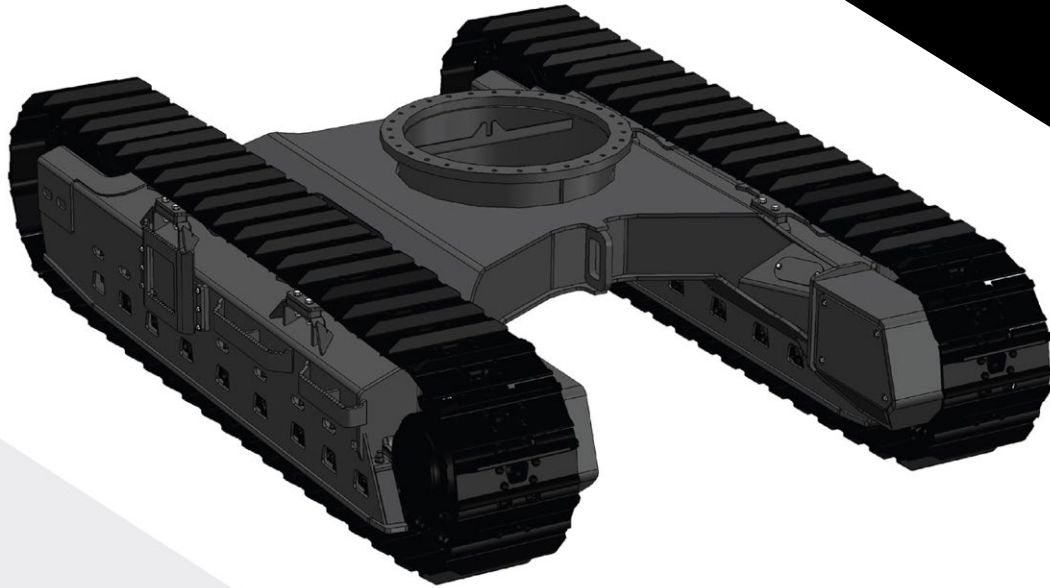
The hydraulics have been optimized for a smooth boom and swing movement, and with custom software for full machine diagnostics, you are in complete control of the **Landrich 2.0**.

Boasting a large 750L fuel tank and ultra-low-DEF consumption, the **Landrich 2.0** can operate independently for up to 3 shifts depending on the application, without refuelling.

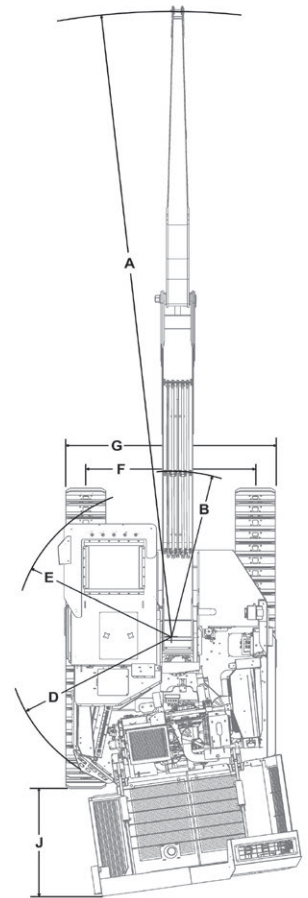
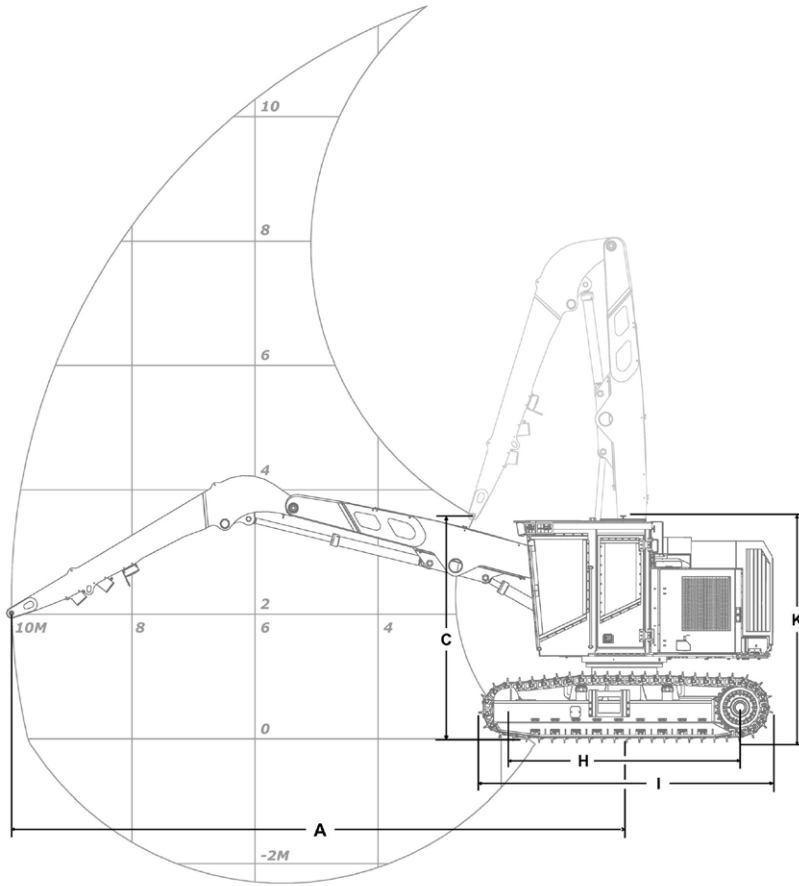
The Landrich synergistic relationship between the harvesting head and machine creates incredible fuel efficiency; in essence, they are one machine operating together rather than a machine and attachment working independently.

D7 UNDERCARRIAGE

(Optional)



SPECIFICATIONS



DIMENSIONS - MM (IN.)

A	Maximum reach of pin – HC-310	9950 mm (393 in)
B	Minimum reach of pin @ 2M height	2810 mm (107 in)
C	Maximum height of pin @ min. reach	3570 mm (141 in)
D	Tailswing	2560 mm (101 in)
E	Cab corner swing radius	2390 mm (94 in)
F	Center to center of track width	2590 mm (102 in)
G	Total width (standard pad width)	3200 mm (126 in)
H	Center to center distance idler to sprocket	3780 mm (149 in)
I	Total length of tracks	4780 mm (188 in)
J	Distance of engine cover to tracks	1720 mm (68 in)
K	Maximum height (transportation)	3645 mm (143.5 in)
	Ground clearance	700 mm (27.5 in)

SPECIFICATIONS

HYDRAULIC SYSTEM

Harvesting head pump	A11VLO 175cc, variable axial piston with EP flow control and EP load sensing limitation
Crane pump	A11VLO 175cc, variable axial piston with EP flow control, load sensing with external limiter
Traction pump	A11VLO 190cc, variable axial piston with EP flow control, load sensing with external limiter

FILTRATION

Return lines beta rating @ 10µ / material: by-pass valve:	In-tank single high-capacity element $\beta_{10} = 200$ (99.5% eff.) / micro-glass III $\Delta 1.5$ Bar (22 psi)
---	--

SWING AND PROPEL SYSTEM

Rotation, degrees	360, Continuous
Swing speed	6 RPM (adjustable for different operators)

SPECIFICATIONS

BRAKES

Ser-vice	Dual stage port reliefs combined with closed-center spool in the control valve and anti-cavitation oil supply.
Ser-vice	Counter-balance valve in motors combined with motor spools in the control valve and anti-cavitation oil supply.
Sec-ondary brakes and park-ing	Spring applied multiple wet-disk brakes, disengaged by pilot oil controlled by an electrical valve. Engaged manually with switch keyboard and automatically engaged with engine off

CAB

Meets fol-lowing stan-dards	ROPS : ISO 8082-2:2011 FOPS: ISO 8083:2006 (11 600 J) OPS: ISO 8084:2003 OFPS ¹): SAE J2267:2017 / Oregon OSHA 437-007-0775:14a,b,c
-----------------------------	--

* The manufacturer reserves the right to make technical changes and improvements

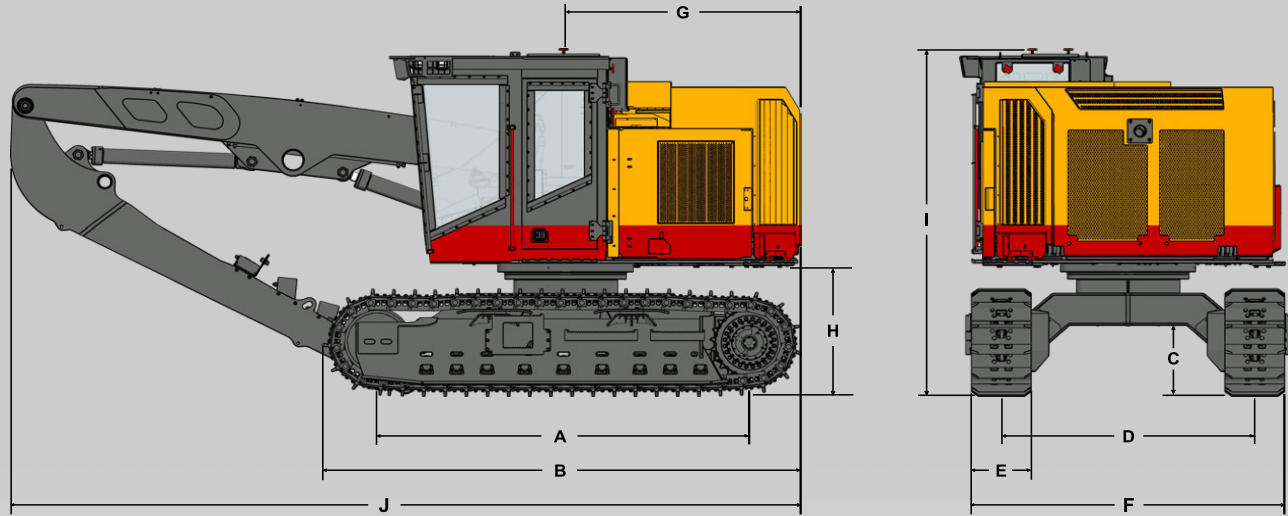


LANDRICH 

LR-2.07



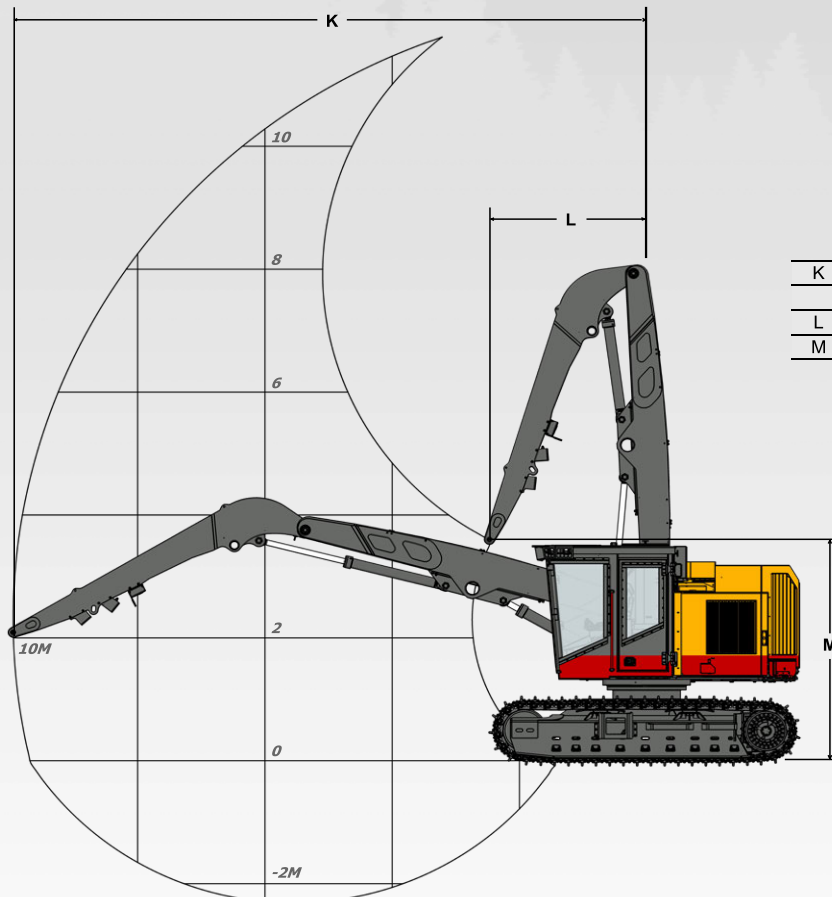
LR-206 & LR-207 DIMENSIONS



Undercarriage size	D6	D7
Machine weight (without head)	29,900 kg (65,900 lbs)	32,300 (71,100)
A Track length (idler to sprocket center)	3.80 m (12' 5")	3.80 m (12' 5")
B Overall track length	4.83 m (15' 10")	4.90 m (16' 1")
C Ground clearance	0.73 m (28.5)	0.75 m (29.5")
D Track width (centerlines)	2.60 m (8' 6")	
E Track pad width	610 mm (24")	
F Overall width over tracks	3.20 m (10' 6")	

G	Tail swing (from swing center)	2.40 m (7' 11")
H	Ground Clearance of Upper Frame	1.36 m (4' 6")
I	Overall height	3.67 m (12' 0")
J	Overall length	8.41 m (27' 7")

WORKING RANGE



K	Boom reach (to attachment pin)	10.0 m (32' 8")
	Height at maximum reach	2.2 m (7' 2")
L	Closest proximity	2.5 m (8' 2")
M	Height at closest proximity	3.7 m (12' 1")

LANDRICH

THE LANDRICH FABRICATION FACILITY was founded in Northern New Brunswick in 1997 by the Landry family. The primary purpose of this new organization was to design and manufacture forestry conversion kits for excavators and other custom applications.

The dream to produce a track harvester that was purpose-built for the unique needs of forestry professionals began in 2004. With the addition of an R&D department in 2005 and after four years of R&D, a Landrich prototype was released in 2008.

This young company quickly established itself as an innovator in the forestry industry by conceptualizing, designing and producing the first purpose-built track harvester. The LANDRICH harvester has been in production since 2010 and is revolutionizing the forestry industry by setting new standards in efficiency and performance.

Fast forward ten years with the launch of the newly designed **Landrich 2.0** in 2020, which has been received with great success, and the production line and sales have been in full swing all year at the production facility in Balmoral, N.B.

The **Landrich 2.0** track harvester has been newly designed to meet current environmental regulations while keeping incredible fuel efficiency, power, and operator comfort that capitalizes on the Ponsse cut-to-length opti and harvesting head technology. The newly designed cabin offers even more space and comfort for the operator that is unmatched in other harvesters, increasing productivity and reducing operator fatigue.

The **Landrich 2.0** is a success story for a family-owned and operated company from New Brunswick. For more information on the **Landrich 2.0**, contact A.L.P.A. Equipment Ltd., your authorized dealer in Atlantic Canada & Eastern Quebec.



www.landrich.com

A.L.P.A.
EQUIPMENT LTD

LANDRICH 