

Tigercat H09 Harvester



A stable high horsepower harvester for demanding thinning applications.

Features and Benefits:

- A very stable, high horsepower thinning harvester; handles the Logmax 3000 on a 9 m (25½ ft.) crane with ease
- 134 kW (180 hp) turbo charged and intercooled 6-cylinder Iveco diesel engine
- Double bogie axles with bogie lifts provide a smooth ride and extremely low ground pressure
- Narrow machine width allows for excellent maneuverability in tight thinning applications
- The large, comfortable operator's station is quiet and climate controlled
- Efficient load sensing hydraulic system with dedicated pumps for the drive, harvesting head and crane functions



Large, comfortable operator's station with excellent visibility

SPECIFICATIONS:

Specifications refer to the standard machine arrangement. Pictures and illustrations may show additional options.

We reserve the right to revise specifications at any time without notice.

WIDTH

With 400 wheel: 1.9 m
With 500 wheel: 2.1 m

ENGINE

Iveco NEF 6 Commonrail 6-cyl.
Turbo charged diesel with intercooler
Power: 134 kW DIN (180 hp)
Torque: 700 Nm @ 1300-1700 rpm

POWER TRANSMISSION

Hydrostatic transmission with HTC control equipment and high/low gearbox; 8-wheel drive
Pump: Linde HPV 135 cc
Motors: Rexroth MCR5 680 cc 2-speed
Diff. lock: Electric-hydraulic, front and rear
Tractive effort: 8,000 kN

AXLES

Front and rear: Chain bogie with bogie lift

BRAKES

Type: Multi-disc brakes in drive motors

WHEEL EQUIPMENT

Front and rear: 400/55 x 22,5
Alt: 500/45 x 22,5
550/45 x 22,5

STEERING

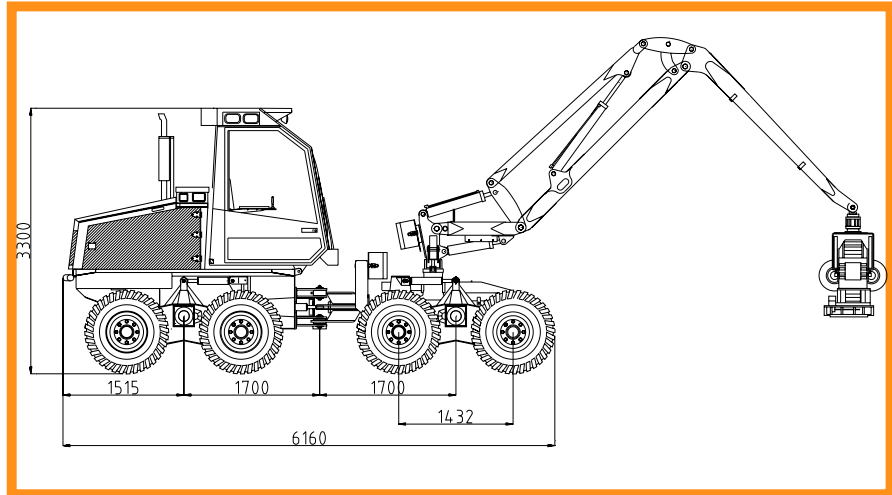
Type: Proportional joysticks
Articulation: ± 46°
Turning radius, outer: 5 200 mm (17 ft.)
Oscillation joint: ± 50°
Miscellaneous: Electric-hydraulic lockable oscillation

FUEL TANK

Volume: 180 l (48 US Gal)

ELECTRICAL SYSTEM

Voltage: 24 V
Battery capacity: 2 x 105 Ah
Generator: 180 A
Working light: 30 lux in the working area
Lights: 16 x 70 W
1 x MegaLight 35 W



HYDRAULIC SYSTEM

(2) dedicated pumps for the crane and harvester head functions
Load sensing system

Pump, harvester head: Linde HPR 130/105 cc
Pump, crane: Linde HPR 105 cc
Valve: Voac L 90 LS
Hydraulic oil tank: 85 L (22 US Gal)

OPERATOR'S STATION

Polycarbonate windows.
Combined heater/air conditioner
BeGe 9000 SE drivers seat with friction arm support and security belt
Rubber isolated mounted with hydraulic tilt for under cab service access
Blaupunkt stereo radio/tape deck

CRANE UNIT

Type: Mowi EGS 900
Lift capacity, gross: 92 kNm
Swing torque, gross: 22 kNm
Rotation angle: 220°
Reach: 7,5 m (295 in.)
Tilt angle: ± 15°
Rotator: See harvester head
Controls: SAKAE minilevers with PVC-control unit

HARVESTER HEAD

Logmax 928

MEASUREMENT SYSTEM

DASA 380C, value/distribution adjustment.
Price matrices: 8 /type of wood
Length classes: 11 /price matrix
Diameter classes: 18 /price matrix
Qualities: 6 /type of wood
Price types: 4 /price matrix
Printer. memory card

FIRE SUPPRESSION

Fixed mounted sprinkler of approved type.
Hand-held fire extinguisher, 2-piece

STANDARD EQUIPMENT

Electronic engine control; Thermostat controlled cooling fan; Electric pump with filter for replacing hydraulic oil; Hydraulic ladder; Air compressor; Articulated joint stabilizer; Rear light ramp; Towing ring, front and rear

OPTIONAL EQUIPMENT

Mowi EGS 900 L crane, 9,0 m
Logmax 3000 harvester head
DASA4 measurement system
EME-levers

OPTIONAL EQUIPMENT

Diesel heater; Hydraulic reservoir heater; Vacuum pump for hydraulic system; Driver seat option; Sit-right; GPS-reciver; Nokian GSM-card 6090; DASA production software; Spare wheel; Field repair kit; Liquid filling of wheels; Band and slip protection; Stump spray equipment; Color marking, (2) colors; 2-piece MegaLight at the crane side tilt

Tigercat®
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