

475 EX

Featuring...

- ❑ 300 HP Komatsu QSC engine
- ❑ Auto reversing cooling fan
- ❑ Long reach, dual main lift cylinder boom sets
- ❑ Individual operator settings for smooth functions
- ❑ System self diagnostics and troubleshooting features
- ❑ 540° upper turntable rotation
- ❑ Dual swing motors
- ❑ Purpose built forestry carbody with high ground clearance and independent closed loop hydrostatic drive
- ❑ Gull wing enclosure opening, both sides

The EX-Series machines are the perfect evolutionary blend of the legendary Timbco concept and advanced Valmet technologies. The next generation machines intergrate total electronic control into an easy-to-use operator interface providing smoother performance, better productivity and improved fuel economy for both feller-buncher and harvester applications.

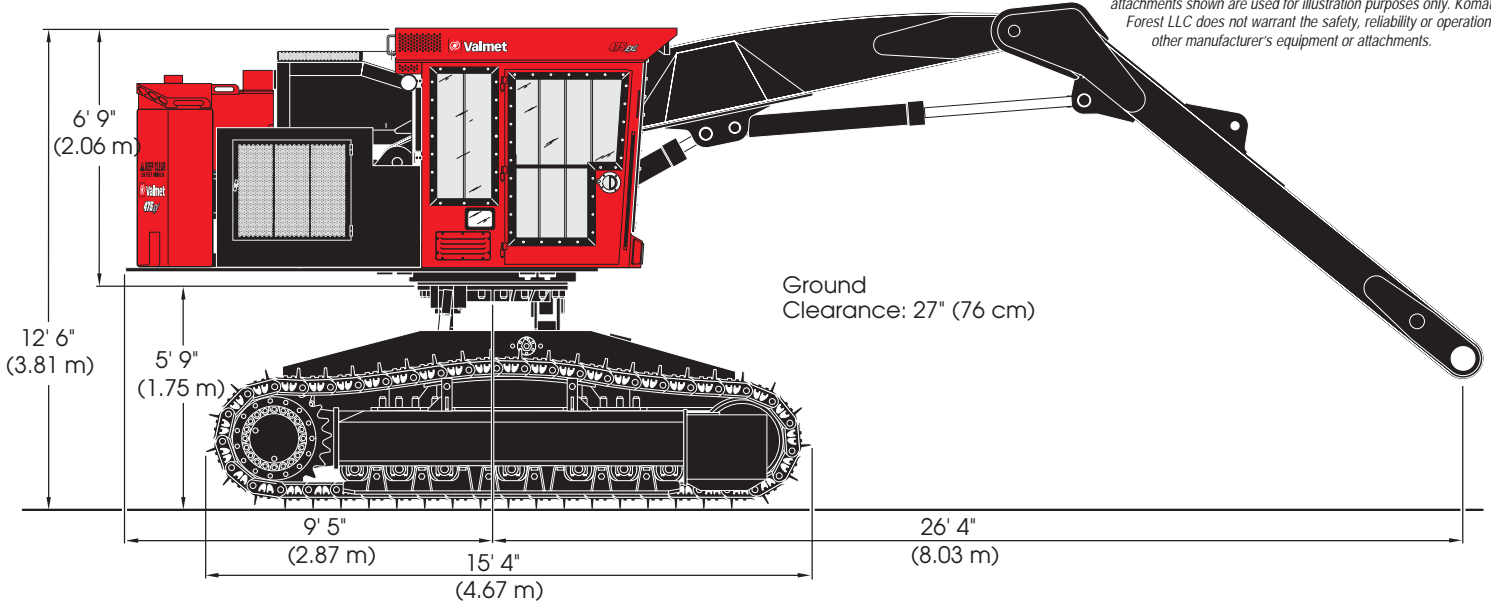


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475 EXL

Technical Specifications

Komatsu Forest LLC reserves the right to change specifications without notice or obligation. Products illustrated may be equipped with non-standard equipment. Other manufacturer's equipment or attachments shown are used for illustration purposes only. Komatsu Forest LLC does not warrant the safety, reliability or operation of other manufacturer's equipment or attachments.



Engine

Komatsu QSC	300 HP (224 KW)
Torque	1000 ft.- lbs. (1356 Nm) @ 1300 RPM
Fuel capacity	400 gal. (1 514 litres)

Machine Width

STD 600 mm single grouser	10'4" (3,15 m)
OPT 700 mm single grouser	10'8" (3,25 m)
OPT 700 mm double grouser	10'8" (3,25 m)
OPT 900 mm triple grouser	11'4" (3,45 m)

Machine Weight

Base machine	67,800 lb. (30 755 kg)
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Approximate "woods ready" operating weight without attachment, fully serviced including 1/2 tank fuel 90 gal. (189 litres) at 738 lb. (335 kg) and 175 lb. (80 kg) operator.

Ground Pressure

STD 600 mm single grouser	9.80 psi
OPT 700 mm single grouser	8.53 psi
OPT 700 mm double grouser	8.55 psi
OPT 900 mm triple grouser	6.74 psi

Cab Leveling

Front	27° (51%)
Rear	7° (12%)
Side	20° (36%)

Cutting Area (std boom, to attachment pin)

Maximum	26'10" (8,18 m)
Minimum	7'8" (2,34 m)
Swath	18'8" (5,69 m)

Lifting Capacity (without attachment)

@ 26'4" (8,03m)	12,000 lb. (5 443 kg)
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Track System

Caterpillar 330 D7 with 600 mm SG track shoes, greased chain assembly, Lohmann GFT80 final drive, Rexroth auto-shift track motors.
 Tractive effort 78,145 lb. (35 446 kg)
 Effort to weight ratio 1.15:1
 Speed (0-3.3 mph (0-5,3 km/h))

Hydraulics

Implement circuits feature IQAN digital control system with Rexroth 145 cc 86 gpm (325 litre) pump and Parker K220/L90 9-section main control valve. Dual track drives feature closed loop hydrostatic circuits with separate Rexroth 55gpm (208 litre) pumps. Independent horsepower control for track drive and implement systems.

Swing

Swing torque, standard motors	67,100 ft.-lbs
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Booms

Box construction with 3" (76 mm) minimum diameter pins and Timbco's legendary setback boom geometry. Main to stick knuckle joint 3 1/2" pin.

Operator's Cab

ROPS/FOPS/OPS certified, low noise excellent visibility, and 3 emergency escape routes. Other features include a Red Dot A/C and

heater, AM/FM radio with cassette, and halogen lighting.

Machine Control System

- Engine management
 - Electronic interface between machine function & engine
 - Anti-engine stall independent for track and implement systems
- Operator push button interface
 - Function speed
 - Function smoothness
 - 4 operator mode settings
 - Multiple languages
- System self-diagnostics
- Troubleshooting features
 - On board multi-meter with graphics error logging events
- Machine protection
 - Over temperature and under temperature conditions results in reduced machine output
 - System records all at-limit events

Optional Equipment

- Track shoe widths (Contact Dealer)
- Boom options (Contact Dealer)
- SisuDiesel 300 HP (221 kW)
- High swing torque option 80,500 ft.-lbs
- Fire suppression system
- 1-1/4" (32 mm) front window
- Xenon high intensity lighting
- Engine and cab accessories
- Hydraulic pump, valve, and line options
- Floor heater