

**CAB**

- Hydraulically height-adjustable cab with max. eye level of 6.1 m/20", independent horizontal advance of 2,2 m/7.2", human-engineered, functional design and excellent all-round visibility.
- Air-cushioned comfort seat with pneumatically adjustable lumbar support, safety belt and headrest; seat heating available on request. The seat meets EC-safety and health requirements (Directive 89/392/EEC, Paragraph 3.2.2). Seat position, seat inclination and seat cushion multi-adjustable in line with position of armrests and pilot control units, allowing fatigue-free operations.

- 3-setting fan for hot water heating, 4 adjustable defroster nozzles.
- Tilt and height-adjustable steering column; front windshield slideable under cab roof, with pull-down sunblind; lift-up skylight on cab roof.
- Air conditioning as standard.

**SCRAP SHEARS**

Type	Genesis GXP 400 R (rotatable)
Cutting force	903 t (980 US tons)
Weight	4.8 t (10,582 lbs)
Feed opening	711 mm /28"
Standard length	3.597 mm /142"

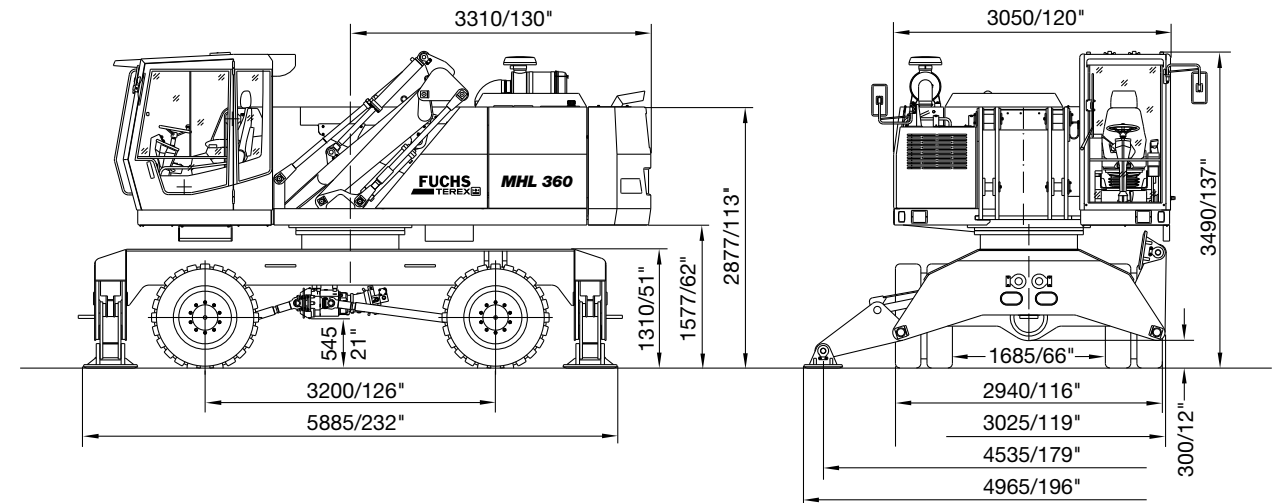
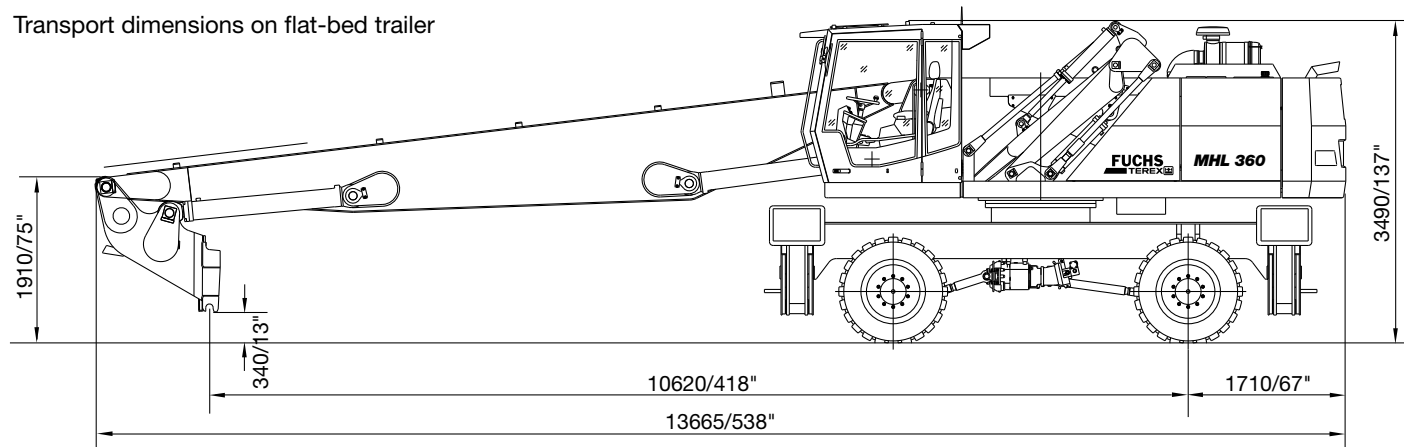
**SAFETY EQUIPMENT**

- Required as option when machine is used for load hook operations in compliance with EN 474-5. Protection of cab ensured by work equipment operating range limiter.

**OFFICIAL HOMOLOGATION**

- Certification according to CE regulations.

Transport dimensions on flat-bed trailer



**DIESEL ENGINE**

Manufacturer & type	Deutz-BF6M 1013 FC
Design	6-cylinder turbocharged
Engine output	186 kW (253 HP)
Nominal speed	2.000 rpm
Displacement	7 l (427 cb in)
Cooling system	Water and charge air cooling.
Emission standards	COM II/TIER II
Air filter design	Two-stage filter with safety valve.
Fuel tank	450 l (118 US gal)

**SWING SYSTEM**

Ring gear	Internally toothed ring gear.
Drive	3-stage planetary gear with integrated multi-disc brake.
Uppercarriage swing speed	0 - 6 rpm

**UNDERCARRIAGE**

- Front axle: Rigid mounted steering axle in planetary gear design with integrated drum brakes. Max. steering angle 30°.
- Rear axle: Oscillating planetary gear axle with integrated drum brakes and oscillat. axle lock to be engaged if required.

Stabilizers	4-point stabilizers
Twin tires	Solid rubber, elastic tires 12.00 - 24

**BRAKES**

Service brake	Hydraulic single-circuit braking system acting on all four wheel pairs.
Parking brake	Hydraulic disc brake on drive gear also acting on the front axle through the propeller shaft.

**ELECTRICAL SYSTEM**

Operating voltage	24 V
Batteries	2 x 12 V / 100 Ah (to EN)
Lighting	2 uppercarriage-mounted headlamps, 2 boom-mounted working floodlights. Rear side-marker lamps and direction indicators.
Option	generator system 20/30 kW

**TRAVEL DRIVE**

Hydrostatic drive through transfer gear with two infinitely variable axial piston motors and directly mounted travel brake valves.	
Travel speed / max. gradeability	0-15 km/h (9.3 mp/h) / 45%
Turning radius	8.0 m (26")

**OPERATING WEIGHTS**

Basic machine including work equipment	
With dipperstick (reach 16.5 m)	44.000 kg (97,000 lbs)
With scrap shear GXP 400 R	46.400 kg (100,310 lbs)

**HYDRAULIC SYSTEM**

- Single-circuit hydraulic system with load-sensing and flow consumption control; optimum use of the available engine output through power management control.
- Regeneration function for lift cylinders.
- Hydraulic oil level sensor provided as standard.
- Separate oil cooler with large cooling surface.
- Hydraulic oil filters: Filter elements incorporated in oil tank.
- Auxiliary pumps: Open circuit for auxiliary consumers.

Max. pump capacity	640 l (169 US gal)/min (2,000 rpm)
Max. operating pressure	360 bar (5220 psi)
Hydraulic oil tank	780 l (206 US gal)

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