

Wheel Loader

OPERATING WEIGHT	32,855 lbs (14,903 kg)
NET ENGINE POWER	175 hp (130 kW)
BUCKET CAPACITY	3.3 – 6.0 yd ³ (2.5 – 4.5 m ³)



WHEEL LOADER
TL260

Operating Data, Standard Equipment*	
Operating weight (ISO 6016)	32,855 lbs (14,903 kg)
Tipping load, straight, arms horizontal (SAE)	24,255 lbs (11,000 kg)
Tipping load, articulated, arms horizontal (SAE)	21,168 lbs (9,600 kg)
Operating load	10,584 lbs (4,800 kg)
Total length, bucket on ground	23' 11" (7,290 mm)
Total width	8' 2" (2,500 mm)
Turning radius at outside bucket edge, transport position	19' 11" (6,080 mm)
Wheelbase	10' 2" (3,100 mm)
Height (top of cab)	10' 6" (3,200 mm)

*With rear axle weights.

Specifications

Engine	
Manufacturer, model	Perkins, 1106C-E60 TA, Intercooler
Type	6-cylinder turbocharged diesel engine, COM II/EPA II
Combustion	4-stroke cycle, direct fuel injection
Displacement	366 in ³ (6,000 cm ³)
Net power rating at 2,200 rpm (to ISO 9249)	175 hp (130 kW)
Cooling system	Water

Electrical System	
Nominal voltage	24 V
Battery	2 x 12 V / 110 Ah / 850 A

Power Transmission	
Hydrostatic drive, closed circuit, independent from loader hydraulics. Automatic adjustment of drawbar pull and speed. Hydraulic motor providing two speed ranges. Infinitely variable speed control forward and reverse. 4-wheel drive from reduction gear on rear axle via cardan shaft to front axle. Combination braking, inching pedal.	
1. Gear:	
“Low”	0 – 3.7 mph (0 – 6 km/h)
“High”	0 – 10 mph (0 – 16 km/h)
2. Gear:	
“Low”	0 – 8.7 mph (0 – 14 km/h)
“High”	0 – 25 mph (0 – 40 km/h)

Axles	
Front:	Rigid with planetary final drive axle. Limited slip-type differential 45%.
Rear:	Oscillating (with cushioning) planetary final drive axle, with integrated reduction gear. Limited slip-type differential 45%.
Oscillation	± 12°

Tires	
Standard	20.5-25 EM

Brakes	
Service brake:	Hydraulically actuated two-circuit power brake system, oil-immersed multi-disc brakes in both axles, acting on all 4 wheels via 4-wheel-drive.
Auxiliary brake:	Hydrostatic drive provides dynamic braking.
Parking brake:	Spring-loaded brake acting on multi-disc brakes on both axle shafts.

Steering	
Articulated, 2 steering cylinders with final position damping on both sides, fully hydraulic through Load-Sensing priority valve, quick and easy steering even at engine idle-running speed. Emergency steering by electric pump.	
Total steering angle	80°



Fluid Capacities	
Fuel tank	63 gal (240 L)
Hydraulic system (including tank)	35.6 gal (135 L)

Hydraulic System	
Maximum pump capacity	42.3 gpm (160 Lpm)
Maximum working pressure	4,500 psi (310 bar)
Control unit: Proportional hydraulic valve with 3 control circuits (LUDV). Simultaneous, independent control of all movements. Single, four-way control lever (multi-function lever) for 1 tilt and 2 lift cylinders with integrated travel direction selector switch and switch for additional control circuit. Float position in control circuit “Lowering”, electro-hydraulically operated. Additional control circuit electrically operated with preselection of flow rate and Impulse/Continuous Operation.	

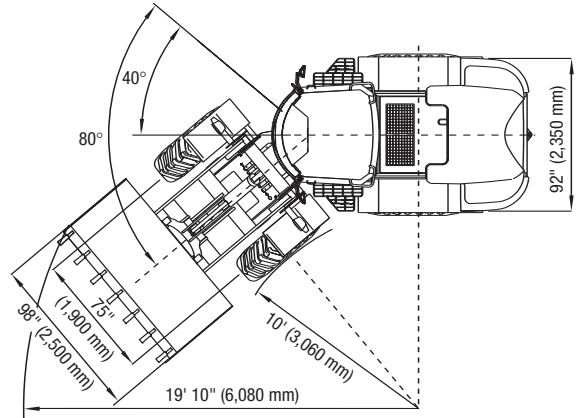
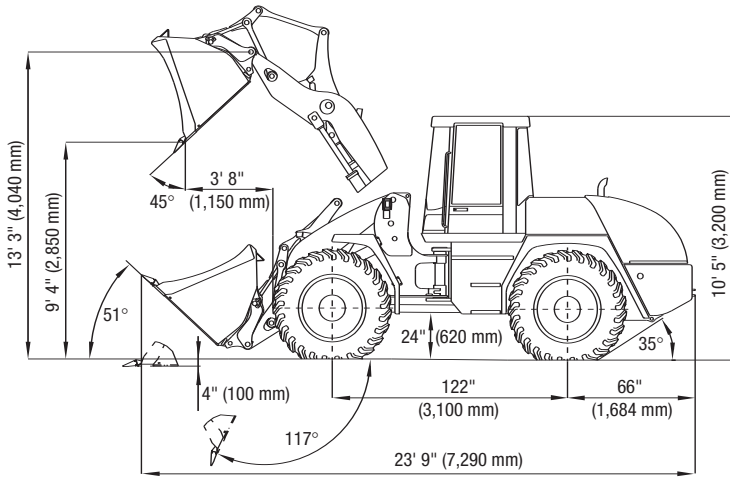
Loader Frame	
Loader frame with modified parallel lift linkage. Direct mount (pin-on) buckets and attachments. Optional hydraulic quick-mount hitch (QMH) available.	
General purpose bucket (ISO 7546)	3.4 yd ³ (2.6 m ³)
Lift capacity at ground level (ISO 8313)	31,698 lbs (141,000 N)
Breakout force at bucket edge (ISO 8313)	26,955 lbs (119,900 N)

Fork Lift Attachment*	
Payload over the total lift and steering range	8,820 lbs (4,000 kg)
Width of fork carrier	75 in (1,900 mm)
Length pallet forks (5.9 x 2.4 in / 150 x 60 mm)	44 in (1,120 mm)
Stability factor on level and solid ground	2
Payload determined in compliance with SAE.	

Cab	
Rubber-mounted full-vision steel cab, ROPS (to ISO 3471) and FOPS (to ISO 3449) certified.	
Cab featuring two doors, electric intermittent windshield wipers and washer (front and rear), tinted panoramic safety glass, and sliding window on left-hand side.	
Driver's seat with hydraulic cushioning and seat belt, weight-adjustable, in compliance with ISO 7096 and ISO 6683.	
Cab heating with 3-speed heater fan (choice fresh air/recirculating air) and windshield defroster, front and rear.	
Automatic climate control.	
Height and tilt adjustable steering wheel.	
Radio pre-installed.	
2 front and 2 rear working floodlights.	

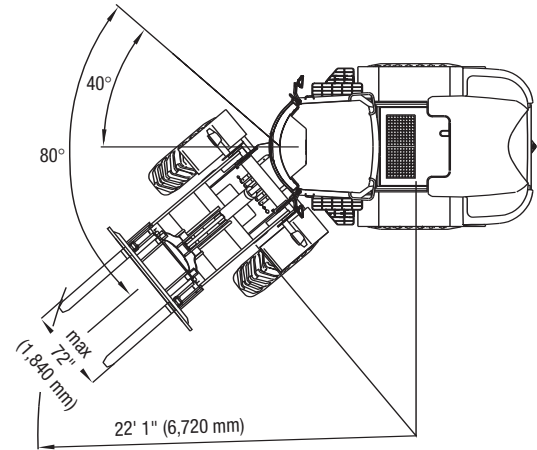
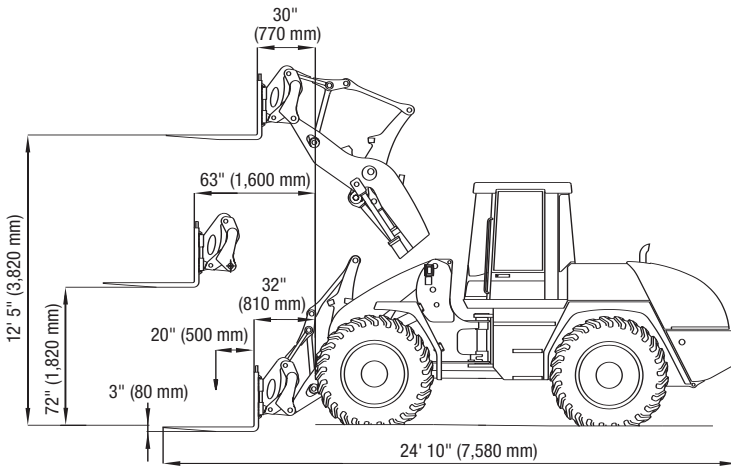
*With rear axle weights 1,100 lbs. (500 kg)

Dimensions: General Purpose Bucket



Rated capacity in compliance with ISO 7546: 3.4 yd³ (2.60 m³)
Maximum density of material: 3,046 lbs/yd³ (1.8 t/m³)

Fork Lift Attachment



Payload over total lift range: 8,820 lbs (4,000 kg)

Bucket Type

	Capacity	Density	Width	Dump Height
General purpose bucket, QMH*, cutting edge	3.3 yd ³ (2.5 m ³)	3,045 lbs/yd ³ (1.8 t/m ³)	98" (2,500 mm)	9' 4" (2,850 mm)
Gen. purpose bucket, directly mounted	3.4 yd ³ (2.6 m ³)	3,045 lbs/yd ³ (1.8 t/m ³)	98" (2,500 mm)	9' 6" (2,920 mm)
Earth bucket, QMH*	3.5 yd ³ (2.7 m ³)	2,707 lbs/yd ³ (1.6 t/m ³)	98" (2,500 mm)	9' 3" (2,810 mm)
Earth bucket, directly mounted	3.7 yd ³ (2.8 m ³)	2,707 lbs/yd ³ (1.6 t/m ³)	98" (2,500 mm)	9' 5" (2,880 mm)
Light-material bucket, QMH*, cutting edge	5.9 yd ³ (4.5 m ³)	1,354 lbs/yd ³ (0.8 t/m ³)	110" (2,800 mm)	8' 1" (2,460 mm)
Light-material bucket, cutting edge	4.3 yd ³ (3.3 m ³)	2,030 lbs/yd ³ (1.2 t/m ³)	98" (2,500 mm)	8' 8" (2,670 mm)
Examples of Material Densities				
Granite, Sand (damp), Gravel (damp):	3,045 lbs/yd ³ (1.8 t/m ³)	Coal, Slate:	2,030 lbs/yd ³ (1.2 t/m ³)	
Earth (damp), Sand (dry), Gravel (dry):	2,707 lbs/yd ³ (1.6 t/m ³)	Coke, Wood chips (dry):	1,354 lbs/yd ³ (0.8 t/m ³)	

*QMH = Quick-Mount Hitch

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Optional Attachments / Accessories

Tires	
20.5 R 25 XHA L3 Michelin	
20.5 R 25 VMT L3 Bridgestone	
20.5 R 25 XLDD 2A L5 Michelin	
20.5 R 25 VSDL L5 Bridgestone	
650/65 R 25 GP 3D L3 Goodyear	
650/65 R 25 VTS L3 Bridgestone	

Front Attachments	
General-purpose bucket	3.4 yd ³ (2.6 m ³)
Earth bucket*	3.5 yd ³ (2.7 m ³)
Light-material bucket*	4.3 yd ³ (3.3 m ³)
High-tip bucket*	3.3 yd ³ (2.5 m ³)
Fork lift attachment with forks	

Quick-Mount Hitch (QMH)	
QMH-Mechanically actuated	

Operator's Stand	
Air-cushioned driver's comfort seat with orthopedic lumbar support and adjustable armrests and headrest	

*Optional with bolt-on cutting edge

Cab - Optional Equipment	
Right-hand door with sliding window	
Yellow beacon	
Radio installation kit	
Pressurized cabin	
Independent diesel heating with timer	
Fire extinguisher	

Further Options	
Filling with biodegradable hydraulic oil / Ester Base BIO-E-HYD-HEES	
Ride control system	
Back-up alarm for reverse travel	
Electric refueling pump	
Immobilizer (anti-theft device)	
Quick couplers (flat face) for 3rd control circuit on lift frame	
Pilot-controlled hose-rupture valves for lift and tilt cylinders	

Further attachments available on request.



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