

HITACHI

LX20
LX30

Super



LX20 : Bucket: 0.4 m³ (0.52 yd³)
Engine: 21.3 kW (28.6 HP)
Weight: 2 520 kg (5 560 lb)

LX30 : Bucket: 0.5 m³ (0.65 yd³)
Engine: 27.2 kW (36.5 HP)
Weight: 3 300 kg (7 280 lb)

EASY TO OPERATE EASY TO BE AROUND

For a wheel loader, properly matching performance boosts productivity. The Hitachi LX20/30 mini-sized wheel loaders feature good matching performance and ease of operation. The secret is the **2-mode HST** (Hydro-Static Transmission) — a Hitachi original. This allows the operator to select the work mode (0 – 7 km/h) or travel mode (0 to 15 km/h) according to job needs. For fast loading cycle, select the work mode that matches the arm raise speed. For fast carry, select the travel mode. Forward/reverse and work/travel can also be selected at one touch. **The feature-packed LX20 and LX30 allow even the inexperienced operators to access the skill of the experienced operator.**



● Low Noise Design

Noise level in the Standard mode is the lowest in this class — for example, 80 dB(A) at operator's ear — thanks to Hitachi low noise design and silenced engine. What's more, the Soft mode further lowers noise level significantly. Select this mode for quiet operation in town and at night.

| At 7 m away | |
|---------------------------|-----------------------|
| Standard mode 69 dB(A) | Soft mode 66 dB(A) |



① Ergonomically Designed Brake Pedals

Depressing the foot brake slightly gives positive braking. With the parking brake applied, the power is cut to prevent starting.

② Full-open Hood and Tool Box

The resin hood can be fully opened at one touch for servicing convenience. Tools can be stored under the hood.

③ Bucket Positioner

The bucket, when lowered to the ground after being dumped, is positioned for scoop-up.



④ Illuminated Instrument Panel

Easy-to-read instrument panel, just as in an automobile.



⑤ Combination switch

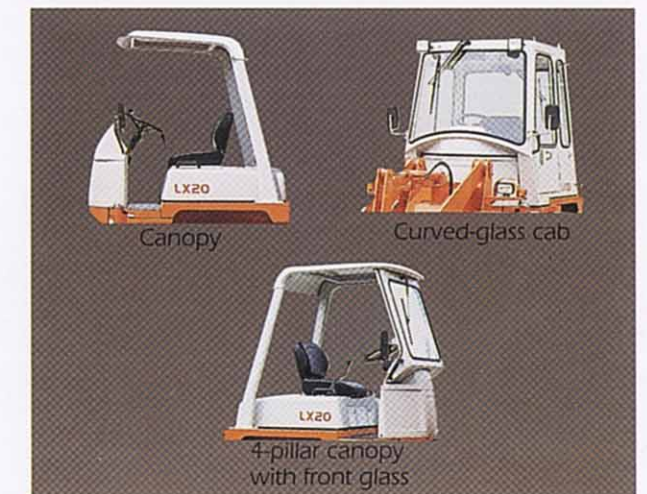
Turn signal, emergency flasher and light switches are efficiently arranged on the steering column.



⑥ Rear Combination Lamp

Turn signal lamps, stop lamp and backup lamp are combined for easy visibility.

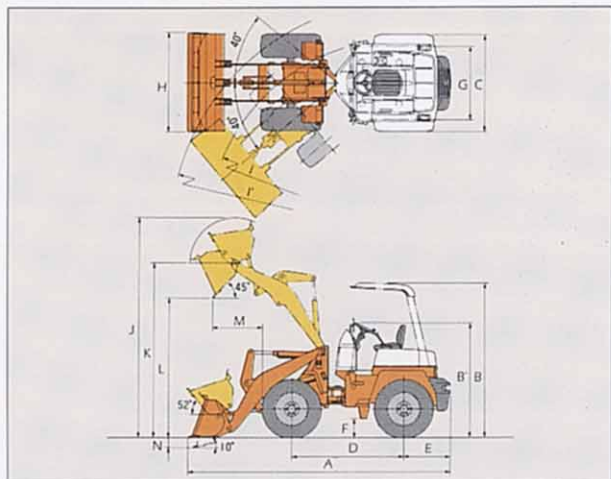
- Neutral start system to prevent sudden, unexpected lurching
- Lockable travel direction-change and loader control levers are provided with locks
- Auto air bleeder
- Hood and fuel cap locked by engine key for vandalism protection
- Halogen headlights
- Glow system for quick starts in cold weather
- Operator seat cover for weather protection



* Photos show models with optional equipment.



DIMENSIONS



| | | Unit: mm | |
|----|--|-----------------|----------------|
| | | LX20-2 | LX30-2 |
| A | Overall length | 4 025 (13' 2") | 4 480 (14' 8") |
| B | Overall height with canopy | 2 465 (8' 1") | 2 655 (8' 9") |
| B' | Overall height with cab | 2 470 (8' 1") | 2 650 (8' 8") |
| B' | Overall height | 1 860 (6' 1") | 1 955 (6' 5") |
| C | Overall width | 1 505 (4' 11") | 1 655 (5' 5") |
| D | Wheel base | 1 750 (5' 9") | 1 950 (6' 5") |
| E | Overhang | 770 (2' 6") | 800 (2' 7") |
| F | Ground clearance | 225 (8.9") | 315 (12.4") |
| G | Tread width | 1 180 (3' 10") | 1 260 (4' 2") |
| H | Bucket width | 1 570 (5' 2") | 1 690 (5' 7") |
| I | Turning radius (outside corner of bucket carry position) | 3 595 (11' 10") | 4 005 (13' 2") |
| J | Overall operating height | 3 405 (11' 2") | 3 790 (12' 5") |
| K | Height to hinge pin fully raised | 2 675 (8' 9") | 3 000 (9' 10") |
| L | Dumping clearance at max. height & 45° dump angle | 2 140 (7' 0") | 2 415 (7' 11") |
| M | Reach at max. height & 45° dump angle | 785 (2' 7") | 815 (2' 8") |
| N | Digging depth (10° digging angle) | 150 (5.9") | 170 (6.7") |

Note: Equipped with B.O.C. stockpile bucket.

SPECIFICATIONS

| | | LX20-2 | LX30-2 |
|-----------------------------------|-----------------------------------|--------------------------|-------------------------|
| Bucket capacity (SAE heaped) | m ³ (yd ³) | 0.4 (0.52) | 0.5 (0.65) |
| Operating weight | kg (lb) | 2 520 (5 560) | 3 300 (7 280) |
| Lift arm raise | sec | 4.5 | 4.8 |
| Lift arm lower | sec | 2.8 | 3.0 |
| Bucket dump | sec | 1.0 | |
| Travel speed Travel/Work | km/h (mph) | 15.0/7.0 (9.3/4.3) | |
| Transmission F/R | | 2/2 | |
| Max. traction force | kN (kgf, lbf) | 24.5 (2 500, 5 510) | 31.9 (3 250, 7 170) |
| Breakout force | kN (kgf, lbf) | 25.0 (2 550, 5 620) | 32.4 (3 300, 7 270) |
| Max. articulation angle | deg | 40 | |
| Make & model | | Isuzu 3LD1 | Yanmar 3TNE84T |
| Engine | | Swirl | Direct, Turbocharged |
| Rated horsepower (DIN 6271, net) | kW/min ¹ (PS/rpm) | 21.3/2 400 (29.0/2 400) | 27.2/2 600 (37.0/2 600) |
| Rated horsepower (SAE J1349, net) | kW/min ¹ (HP/rpm) | 21.3/2 400 (28.6/2 400) | 27.2/2 600 (36.5/2 600) |
| Piston displacement | L (in ³) | 1.50 (91.5) | 1.50 (91.5) |
| Drive system | | 2-mode HST (Travel/Work) | |
| Service brake | | Dry disc type | Wet disc type |
| Parking brake | | Dry disc type | |
| Oscillation | | Frame oscillation | Rear axle oscillation |
| Tire size | | 12.5/70-16-6PR (L2) | 15.5/70-18-8PR (L2) |
| Fuel tank | L (US gal, Imp gal) | 35 (9.2, 7.7) | 50 (13.2, 11.0) |
| Engine oil (exchange) | L (US gal, Imp gal) | 6 (1.6, 1.3) | 5.5 (1.5, 1.2) |
| Hydraulic tank | L (US gal, Imp gal) | 32 (8.5, 7.0) | 42 (11.1, 9.2) |

Note: Equipped with B.O.C. stockpile bucket.

STANDARD EQUIPMENT

- General purpose bucket (with bolt on cutting edge) 0.40 m³ for LX20-2
- General purpose bucket (with bolt on cutting edge) 0.50 m³ for LX30-2
- Monitor panel • Foot-operated parking brake pedal
- Front attachment control lever lock • Transmission shift lever lock
- Floor mat • Seat cover • Neutral start system • 2-spool control valve
- Halogen headlights • Hazard lamps

OPTIONAL EQUIPMENT

- Light duty bucket 0.46 m³ for LX20-2 • Light duty bucket 0.6 m³ for LX30-2
- Bucket teeth • Lumber fork • Canopy • ROPS cab
- 4-pillar canopy with front glass • 3-spool control valve • Back alarm
- Tire chain

These specifications are subject to change without notice. Illustrations may or may not include optional equipment and accessories, and all standard equipment.

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