



The New Power House in the KIOTI-Team

HX Series (91-117 hp)

With Boost 100 – 127 hp

- 3.8L CRDI diesel engine.
- Boost for road and PTO work.
- Speed memory.
- Spacious 5-post cabin.
- Air seat with armrest controls
- Air conditioning / heating.
- Sunroof.
- Adjustable steering column.
- Comfortable passenger seat.
- Power shuttle gearbox.
- Creeper gears.
- Power switching stage.
- Clutch button.
- 3 PTO speeds.
- Auto. PTO switch.
- Front axle with LSD differential.



3,8L CRDI DIESEL ENGINE

The powerful Daedong CRDI engine has low fuel consumption and a boost function for transport and PTO work.



CLUTCH BUTTON ON GEAR SHIFT

The 32/32 Power Shuttle transmission has a powershift stage. The clutch button on the gear lever makes work easier, especially during transport.



FRONT AXLE WITH LSD DIFFERENTIAL

The robust Daedong front axle with lamellar locking differential (LSD) ensures maximum traction in all conditions.



REAR HYDRAULICS

3 double acting spools can be installed at the rear. The powerful CAT 2 rear lift has a lifting capacity of 4.4t.

HX Series



SPACIOUS 5-POST CABIN

The spacious cabin provides a clear all-round view, air conditioning, many storage options and ergonomic controls.



AIR SPRING SEAT WITH CONTROL ARMREST

The air-sprung driver's seat with control armrest ensures relaxed working. The passenger seat with seat belt offers the passenger full safety.



ADJUSTABLE STEERING COLUMN

The swivel and telescopic steering column facilitates entry and exit and makes the working posture more ergonomic.



SUNROOF

The sunroof gives great visibility of the front loader. It can be darkened, and opened to provide additional fresh air.

| Model | | HX9010PC | HX1001PC | HX1201PC |
|--|---------|------------------------------|--------------------------------|--------------------------------|
| | | Cabin | Cabin | Cabin |
| Motor | | | | |
| Manufacturer | | KIOTI | KIOTI | KIOTI |
| Control | | Electronic (CRDI) | Electronic (CRDI) | Electronic (CRDI) |
| Emissions tier | | 5 | 5 | 5 |
| Maximum power (ECE-R120) with boost | hp (kW) | 91.2 (67.1) / 99.9 (73.5) | 101,2 (74,5) / 111,5 (82,0) | 116,8 (86,0) / 127,1 (93,5) |
| Number of cylinders | | 4 | 4 | 4 |
| Engine displacement | cc | 3,833 | 3,833 | 3,833 |
| Rated speed | rpm | 2,200 | 2,200 | 2,200 |
| Turbocharger | | Yes & inter-cooler | Yes & inter-cooler | Yes & inter-cooler |
| Fuel tank | l | 180 | 180 | 180 |
| Power-train | | | | |
| Transmission | | Mechanical gearbox | Mechanical gearbox | Mechanical gearbox |
| Number of gears or HST ranges | | 32x32 F/R | 32x32 F/R | 32x32 F/R |
| Shuttle Type | | Power shuttle | Power shuttle | Power shuttle |
| Creeper gear | | Std. | Std. | Std. |
| Power shift | | Std. | Std. | Std. |
| Maximum speed (forward) | km/h | 0.20 - 39.50 | 0.20 - 39.50 | 0.20 - 39.50 |
| Four-wheel drive | | Std. | Std. | Std. |
| Differential lock | | Std. | Std. | Std. |
| Steering type | | Hydr. power steering | Hydr. power steering | Hydr. power steering |
| PTO | | | | |
| Rear PTO | rpm | 540/540E/1,000 | 540/540E/1,000 | 540/540E/1,000 |
| Rated PTO power | hp | 78.8 | 81.5 | 100.6 |
| Rear PTO clutch | | Elec-hydr. engagement | Elec-hydr. engagement | Elec-hydr. engagement |
| Front PTO (by engine) | rrm | Opt. | Opt. | Opt. |
| | | 1,000 | 1,000 | 1,000 |
| Hydraulics | | | | |
| Number of double-acting spools at the rear | | 2 (Std.) | 2 (Std.) | 2 (Std.) |
| Four-way cross control lever | | Std. | Std. | Std. |
| Number of double-acting spools | | 5 | 5 | 5 |
| Pump power (work / steering) | l/min | 121.0 (74.8 / 46.2) | 121.0 (74.8 / 46.2) | 121.0 (74.8 / 46.2) |
| Pressure | bar | 185 | 185 | 185 |
| Three-point linkage (rear) | | | | |
| Regulation | | EHR | EHR | EHR |
| Category | | Cat 2 | Cat 2 | Cat 2 |
| Maximum lifting capacity | kg | 4,410 | 4,410 | 4,410 |
| Lifting capacity at the coupling point (entire stroke) | kg | 3,665 | 3,665 | 3,665 |
| Lifting capacity 610mm behind coupling point (entire stroke) | kg | 3,630 | 3,630 | 3,630 |
| Three-point linkage (front) | | | | |
| Available | | Opt. | Opt. | Opt. |
| Category | | Cat 2 | Cat 2 | Cat 2 |
| Dimensions | | | | |
| Total length (incl. three-point linkage) | mm | 4,398 | 4,398 | 4,398 |
| Width | mm | 2,126 | 2,126 | 2,126 |
| Total height (cabin) | mm | 2,820 | 2,820 | 2,820 |
| Wheelbase | mm | 2,410 | 2,410 | 2,410 |
| Min. ground clearance | mm | 459 | 459 | 459 |
| Weight (cabin) | kg | 4,428 | 4,428 | 4,428 |
| Permissible total weight | kg | 7,100 | 7,100 | 7,100 |
| Ab. Front axle load (max.) | kg | 3,200 | 3,200 | 3,200 |
| Ab. Rear axle load (max.) | kg | 4,270 | 4,270 | 4,270 |
| Towing capacity | | | | |
| B1 - unbraked | kg | 3,500 | 3,500 | 3,500 |
| B2 - Overrun braked | kg | 8,000 | 8,000 | 8,000 |
| B3 - Hydraulic braked | kg | - | - | - |
| B4 - Pneumatic braked | kg | On request | On request | On request |
| Extras | | | | |
| Air conditioning | | Std. | Std. | Std. |
| Swivel steering column | | Std. | Std. | Std. |
| Air suspension driver's seat | | Std. | Std. | Std. |
| Clutch button on gear shifter | | Std. | Std. | Std. |