

# Metrac H7 X



## Technical data – basic equipment:

**Engine:** 4 cylinder 4 stroke diesel engine, VM-D 754 SE 3 with turbocharger, 51,5 kW (70 PS) at 2600 rpm, displacement 2970 cm<sup>3</sup>, water-cooled.

**Gearbox:** Hydrostatic drive with mechanical 2-range gear and electro-hydraulic 2-level switching, inching function, hydrostatic control optionally automotive or manual, electrically switchable.

4 speed ranges:

with 33" tyres: Off-road: 0 – 7,6 kph / 0 – 14,6 kph

Road: 0 – 19,7 kph / 0 – 38,0 kph

with 425 tyres: Off-road: 0 – 8,0 kph / 0 – 15,4 kph

Road: 0 – 20,7 kph / 0 – 40,0 kph

**Clutch:** Single dry disk clutch with hydraulic central disengagement for PTO drive (electro-hydraulically switchable).

**Axles:** Driving/steering with final drives front and rear, front axle oscillating.

**Axle drive:** Four wheel drive, front-wheel drive connectable/disconnectable.

**Differential locks:** Preselectable, electro-hydraulically operated differential locks front and rear, with gear status indicator lights on dashboard.

**Steering:** Hydrostatic steering with Load Sensing; electro-hydraulic steering switch during driving, preselectable with options for 4-wheel, front, rear and continuously adjustable crab steering; automatic synchronisation of wheel position.

**Service brake:** Hydr. dual circuit 4-wheel power brake.

**Parking brake:** Mechanical parking brake acting on rear wheels.

**Engine hydraulics:** Hydraulic pump 24,2 l/min, 195 bar, oil tank 13 l, standard equipment var. C4: 1 control valve each for front and rear linkage, 2 control valves d.a.f. with parallel lines front and rear, switchover cock at rear linkage, one tank return line each from front and rear, operation by multi-function control lever; Option: var. D4: 1 additional control valve d.a.f. with parallel lines front and rear (max. 10 trailer couplings front and 8 rear)

**Front linkage:** Angle swing lift with electro-hydraulic weight compensation and vibration damping, quick release system using seating locators, cat. 1, lowering speed control, electric external control, integrated hydraulic side shift with 400 mm adjustment range (+/- 200 mm), lifting force 1500 kg.

**Rear linkage (option):** Rear 3 point linkage with movable lower links, retaining balls cat. 1 + 2, double acting cylinders (lift/pressure), switchable to single action, vibration damping, lowering speed control, electric external control, lifting force 1500 kg.

Option: Lower links with hook ends cat. 2, double acting weight compensation, drawbar.

**PTO:** Power shift PTO front and rear 540 rpm, front counter-clockwise, rear clockwise, electro-hydraulically switchable with automatic soft start (direction of rotation: looking at PTO shaft end).

**Cab:** Vibration damped driver rollover protection frame with roof, panoramic windscreen, right side window, tinted window, comfort seats in various versions, parallelogram wipers, windscreen washer, sun visor, 2 exterior mirrors, interior mirror, bottle holder, radio preparation in the roof (2 speakers and aerial); Option: Closed deluxe cab with heating, electric cab ventilation, air-conditioning.

# Metrac H7 X

## Technical data (continued):

**Gauges:** Indicator lights with symbols, e.g., for differential locks, 4-wheel drive, parking brake, current steering mode; Analogue displays: Fuel gauge, tachometer, speedometer, coolant temperature. Digital displays: Operating hours meter, daily hours counter, clock, PTO speed front and rear, straight wheel alignment, vehicle voltage indicator, misc. warning indicators, temperature display for hydrostat. drive, cigarette lighter.

**Electric system:** Battery 12V, 90 Ah, alternator 110 A, full road lighting, complete with height-adjustable headlights; Option: Auxiliary lights front on roof, 1 or 2 working light(s) rear, rotating warning light.

**Fuel tank:** PE tank, capacity 85 l.

**Seat designs:** Longitudinally and height adjustable comfort seats with pelvic support and tilt adjustable backrest in 3 designs: comfort seat with leatherette cover (standard) or cloth cover, air cushioned seat with cloth cover; Option: Side swivel unit, high backrest for comfort seat, protective cloth cover, seat belt, arm rests.

### Wheel options:

### Auxiliary wheel with quick release, with:

33x15.50-15 Terra tyres (standard)	7.50-16 AS	
31x15.50-15 turf tyres		6.50-16 AS
31x15.50-15 AG tyres		6.50-16 AS
425/55 R17 All Ground	-	
425/55 R17 AG tyres		-

Option: Mounting parts for auxiliary wheels on 2nd axle

**Accessories:** Weight compensation front/rear switchover, mechanical or automatic trailer hitches (fixed or height-adjustable), various accessories for cab, stereo radio with CD or MC, hydraulic top link, auxiliary weight compensation for front linkage, heated fuel filter, reverse buzzer, exhaust tail pipe routed to the rear, custom paint, snow chains; further options on request.

**Attachments:** Twin-blade mower, rotary disc mower, side delivery belt rake, front collecting fork, dump bucket, twin blade front and/or side mower, front-end loader, flail mower, extension arm boom flail mower, sickle mower (with side or rear ejection), suction container with or without high discharge, road sweeper, self-loading salt spreader, snow plough, snow blower; further attachments on request.

### Weights:

Dead weight (with standard equipment): 2210 kg

Perm. axle load front: 2100 kg

Perm. axle load rear: 2100 kg

Perm. gross weight: 3400 kg

**Turning radius:** 3,55 m (with 4-wheel steering)