

MAX P170

MAX



- Equipped with MAX engine
- Single-handle electro-hydraulic controlled power shift T/M,6 forward & 3 reverse shifts makes operation easy and convenient.
- Optimum axle load allocation provides excellent stability while grading rough and rocky area.
- Scarifier 11 teeth 1400 mm width.
- A wide working range is accomplished through flexible moldboard suspension system and articulated frame.
- Operating Weight: 16000kg.



MAX MATERAIL HANDLING CO.,LTD.

29/2 MOO 1, LAMPHO, BANGBUATHONG, NONTHABURI, 11110

P 170 Motor Grader Main Specifications



Engine

Brand Max
 Type..... Diesel, 4 Stroke, **6 cylinder** water cooling
 Rated Power..... 210 hp
 Rated Speed..... 2200rpm
 Displacement..... 9600 cc.



Transmission System

Electro-hydraulic controlled power shift transmission adopted ZF technology, single handle operation, lock in the neutral.
 (km/h) Traveling speed (at rated engine rpm)

Gearshift	Forward speed	Reverse speed
1 st	6.5	6.5
2 nd	10.4	10.4
3 rd	14.6	25
4 th	24.8	
5 th	30	
6 th	49.2	



Brakes

Service.....All 4 wheels oil disc brake with air assist.
 Parking brake.....Flexible shaft control actuated inner-expanding drum brake



Moldboard

Dimensions 4000mmx645mmx18mm



Blade Range

Moldboard side shift
 Right.....815mm
 Left.....815mm
 Max. shoulder reach outside rear tires(frame straight)
 Right.....2000mm
 Left.....2000mm
 Max. lift above ground.....450mm
 Max. grading depth.....535mm
 Max. blade angle, right or left.....90°
 Blade tip angle.....29°-77°
 Scarifier 11 teeth width.....1400mm



Axles

Wheel base..... 6000 mm.
 Front axle.....Ground clearance 610mm and oscillation angle (total)32°
 wheel lean angle.....right or left 20°
 Rear axle: full-floating rear axle with NO-SPIN differential



Tandem Drive (4X4)

Tandem oscillation11° forward and reverse
 Final driving.....Spiral bevel gear, single stage reduction
 Tandem drive.....Double row roller-chains



Steering System

Full hydraulic power and adjustable steering column.
 Max. turning range left or right 49°
 Frame articulation.....left or right 26°
 Min. turning radius7000mm



Tyre & Dimension

Tire size17.5-25-12PR L-3
 Dimension (W x L x H)2600x10600x3300 mm.



Cabin

Vibration-absorbed humanistic cabin with adjustable steering wheel and seat, and streamline dashboard provide low noise, air conditioning, comfortable operation and wide eyeshot.
 ROPS Cab.



Refill Capacity

Fuel tank.....350L
 Crank case.....27L
 Transmission.....45L
 Rear axle.....18L
 Tandem housing(each).....42L
 Hydraulic system.....70L
 Circle reverse housing.....3.8L