# PistenBully 800
# Moving boundaries.

- Clean 6-cylinder engine with 612 metric HP (450 kW) and powerful torque of 2,900 Nm (EU Stage V)
- 5 running axles with longer chassis for a smoother ride, thrust and climbing performance
- Intuitive, patented joystick for proportional control of 4 blade functions at the same time
- Patented iTerminal with touch display and color highlighting of the active vehicle parts for easy operation
- Ergonomic and patented unit consisting of seat, steering wheel, armrest and joystick with adjustment options to suit individual needs and preferences
- Memory function for 4 driver settings
- Precise and proportional auxiliary hydraulics
- Patented assistance systems like SlopeTracer, AutoTracer, Active Winch and AutoWinch for ideal grooming results, side stability and maneuverability
- Rear implement carrier with vibration compensation and lateral damping for greater driving comfort
- Reinforced tensioning axle and stronger propulsion drives
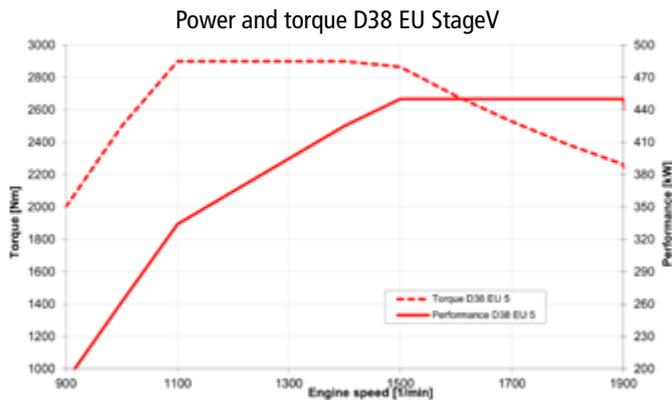- LED lighting and rear camera for best 360-degree view

| Dimensions | | 800 / 800 W |
|---|---|---|
| Width | without tracks | 2,700 mm |
| | over Performance 6-belt Combi track 1,650 mm | 4,230 mm |
| | over AFT Comfort 5,5 m with foldable side finishers | 5,480 mm – 6,170 mm |
| AllWayBlade | Width, open | 5,950 mm |
| | Width, closed | 5,040 mm |
| | Height | 1,230 mm |
| Height | overall | 2,990 mm |
| | over winch operating range | 3,320 mm |
| | with driver's cab tilted | 3,410 mm |
| Ground clearance | | 350 mm |
| Length | with blade and tiller | 9,420 mm |
| Deck area | Length | 2,160 mm |
| | Width | 1,940 mm |
| Recommended garage size | Length | 11,500 mm |
| | Width | 6,000 mm |
| | Height | 3,500 mm |

| Winch superstrukture | 800 W |
|---|---|
| Pulling force stepless, continuous | 45 kN / 4.6 kp |
| Rope diameter | 11 mm |
| Rope length | 1,050 m |
| Usable rope length | 1,000 m |
| Calculated rope breaking strenght | 135 kN / 13.8 t |
| Weight (winch, rope and structure) | 2,295 kg |

| Weights | | 800 | 800 W |
|---|---|---|---|
| Tare weight | Vehicle without tracks / quick-mount system | 7,895 kg | 10,250 kg |
| | Performance 6-belt Combi track 1,650 mm | 2,250 kg | 2,250 kg |
| Operation weight | Vehicle with Performance Combi track / blade / tiller | from 12,695 kg | from 15,050 kg |
| Gross vehicle weight | | 16,000 kg | 16,500 kg |
| Payload, load platform | | 1,500 kg | 2,500 kg |
| Power-to-weight ratio | | 28.20 kg / kW | 33.40 kg / kW |

## Cab

| | |
|---|---|
| Comfort heating system | With automatic function and continuous temperature adjustment |
| Comfort driver's seat | Air-suspended, multi-adjustable mechanically and pneumatically, seat heating unit and seat ventilation |
| Control elements | Joystick for 4 simultaneous movements of the blade, iTerminal, armrest |
| Windows | Heated windshield and rear window, side windows sliding and heated |
| Exterior mirrors | Heated and electrically adjustable, wide-angle |
| Windshield | Heated by engine coolant Windshield washer system (winch only) |

Power and torque D38 EU StageV



## Electrics

| | |
|---|---|
| Low-power system | 24 V |
| Alternator | 24 V / 180 A |
| Batteries | 2 x 12 V / 152 Ah |
| Cold start rating as per EN | 1,130 A |

## Lighting

| | |
|---|---|
| Front | 4 LED headlights, 4 LED worklights 2 LED worklights (BladeFlap) |
| Rear | 6 LED worklights 2 LED worklights (TillerFlap) |
| Sides (supporting frame) | 2 LED worklights (SideFinder) |
| Cabin roof | 1 LED searchlight |

## Engine

| | |
|---|---|
| Type | MAN D38 |
| Number of cylinders | 6 |
| Displacement | 15.3 l / 15,300 cc |
| Power in accordance with Poweroutput (ECE) | 450 kW / 612 PS |
| Emission standard | EU Stage V |
| Max. torque | 2900 Nm / 1,100 rpm |
| Tank capacity | 400 l |
| DEF (AdBlue®) tank capacity | 44 l |

## Attachments

| | |
|---|---|
| AllWayBlade 5.0 m | With/without snow gun braket |
| AlpineFlexTiller Comfort 5.5 m | With hydr. side finishers, hydr. lock, LED lighting, camera |

## Driving characteristics

| | 800 | 800 W |
|---|---|---|
| Speed | 0 – 20 km / h, stepless | 0 – 19 km / h, stepless |
| Speed during winch operation | | 0 – 17 km / h |
| Grade ability | Up to 100% | |
| Turning radius | On the spot | |

## Options

Stick steering

Hydraulic oil preheater

Front high-pressure connection (technical package)

Auxiliary heating

Automatic comfort climate control system

Professional sound package (Alpine subwoofer and amplifier)

SNOWsat snow depth measurement and SNOWsat fleet management

Cold start aid

Central locking

Trailer hitch

1,400m rope