

# POWER BEYOND LIMITS



BENETRAX  
D200H

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BEYOND LIMITS**

## ENGINE

|                     |                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------|
| Model & type        | Shanghai SC7H210.1G3; water-cooled, in-line, 4-stroke direct injection, turbocharged and intercooled |
| Rated power         | 155 kw@2000 rpm                                                                                      |
| Maximum torque      | 800 Nm@1400 rpm                                                                                      |
| Number of cylinders | 6                                                                                                    |
| Piston displacement | 6.5 L                                                                                                |
| Emission standard   | Tier 3                                                                                               |

## REFILL CAPACITIES

|                     |       |
|---------------------|-------|
| Diesel fuel         | 267 L |
| Engine oil          | 18 L  |
| Hydraulic oil       | 165 L |
| Drive motors (each) | 12 L  |

## TRAVEL DRIVE CONTROL

|                     |                                                                                                  |
|---------------------|--------------------------------------------------------------------------------------------------|
| Transmission system | Infinitely variable hydrostatic travel drive, independent drive for each track                   |
| Travel speed        | Continuously variable                                                                            |
| Forward and reverse | 0 - 10.0 km/h Travel speed ranges can be set on the travel joystick (speed preset function)      |
| Electronic control  | The system automatically adjusts travel speed and drawbar pull to match changing load conditions |
| Steering            | Hydrostatic                                                                                      |
| Service brake       | Hydrostatic (self-locking), wear-free                                                            |
| Parking brake       | Multi-disk brake, wear-free, automatically applied to neutral joystick positions                 |
| Cooling system      | Hydraulic oil cooler integrated in combination radiator, hydrocrastic fan drive                  |
| Filter system       | Micro cartridge filters in replenishing circuit × 2                                              |
| Final drive         | Reducer with planetary gear                                                                      |
| Drawbar pull        | 258 kN                                                                                           |

## WEIGHT & DIMENSIONS

|                              |                    |
|------------------------------|--------------------|
| Operating weight with ripper | 21.3 ton           |
| L × W × H (mm)               | 6803 × 3512 × 3550 |

## UNDER CARRIAGE

|                      |                           |
|----------------------|---------------------------|
| Type                 | Suspended equalizing beam |
| Carrier rollers      | 1 each side               |
| Track rollers        | 7 each side               |
| Track type           | Single-grouser, 41 links  |
| Width of track shoes | 510 mm                    |
| Pitch                | 202.8 mm                  |
| Ground pressure      | 0.06 MPa                  |

## HYDRAULIC SYSTEM

|                           |                      |
|---------------------------|----------------------|
| Maximum pressure          | 25 MPa               |
| Pump type                 | Variable piston pump |
| Discharge                 | 144 L/min/1850       |
| Bore of working cylinders | 100 mm × 243         |

## BLADE

|                           |                    |
|---------------------------|--------------------|
| Blade type                | Semi-U blade       |
| Dozing capacity           | 4.3 m <sup>3</sup> |
| Blade width               | 3512 mm            |
| Blade height              | 1322 mm            |
| Maximum lifting height    | 1120 mm            |
| Maximum drop below ground | 570 mm             |
| Maximum tilt adjustment   | 410 mm             |

## RIPPER

|                                         |         |
|-----------------------------------------|---------|
| Maximum digging depth of 3-shank ripper | 760 mm  |
| Maximum lift above ground               | 560 mm  |
| Weight of 3-shank ripper                | 1560 kg |

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