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| --- | --- | --- |
| Parameter | SD32/SD32D/SD32F | SD32W |
| Straight shovel Straight shovel |   | Half U shovel | Straight shovel | Angle shovel | Half U shovel |
| Minimum ground clearance (mm) | 500 | 500 | 500 | 500 | 500 | 500 |
| quality (kg) | 37200 | 37200 | 37550 | 38120 | 37800 | 38360 |
| Ground specific pressure (MPa) | 5600mm crawler | 0.105 | 0.105 | 0.106 | 0.108 | 0.107 | 0.108 |
| 660mm crawler | 0.09 | 0.09 | 0.09 | 0.092 | 0.091 | 0.092 |
| 760mm crawler | 0.078 | 0.078 | 0.078 | 0.08 | 0.079 | 0.08 |
| Climbing performance (degree) | 30 | 30 | 30 | 30 | 30 | 30 |
| Track center distance (mm) | 2140 | 2140 | 2140 | 2140 | 2140 | 2140 |
| Contact length (mm) | 3150 | 3150 | 3150 | 3150 | 3150 | 3150 |
| Single shovel capacity (m³) | 10 | 10 | 11.7 | 10 | 6.2 | 11.7 |
| The blade width (mm) | 4130 | 4130 | 4130 | 4130 | 5000 | 4130 |
| The blade height (mm) | 1590 | 1590 | 1710 | 1590 | 1140 | 1710 |
| The maximum height of the blade (mm) | 1560 | 1560 | 1560 | 1560 | 1703 | 1560 |
| Maximum cutting depth (mm) | 560 | 560 | 560 | 560 | 630 | 560 |
| Maximum blade tilt (mm) | 1000 | 1000 | 1000 | 1000 | - | 1000 |
| technical parameter | Overall size | 8560\* 4130\* 3640mm (with Ripper) |
| Weight | 37200 + 1000kg (without the Ripper) 41570 + with Ripper |
| Minimum turning radius | 37500mm |
| Fuel tank capacity | 640L |
| Water Tank capacity | 121L |
| Engine | Type / form | NTA855-C360S10 (standard) / turbocharged inline four stroke (except SD32D) |
| Rated speed | 2000r/min |
| Flywheel power (net power) | 235kW(320HP) |
| The number of cylinder - bore \* stroke | 6-139.7\*152.4mm |
| Piston displacement | 14010ml |
| Maximum torque | (1509N.m/1400rpm) |
|  transmission agent | Torque converter type | three-element\ one stage one phase |
| Cooling mode | water-cooling |
| Transmission form | epicyclic gear,multi-plate clutch,Hydraulic combined forced lubrication |
| Central drive shaft | spiral bevel gear,Splash lubrication |
| walking speed | forward | back |
| 0-3.6km/h;0-6.6km/h;0-11.5km/h | 0-4.4km/h;0-0.78km/h;0-1.35km/h |
| Final drive type | Two straight gear, splash lubrication |
| Walking and steering system | Platform frame suspensiontype | The character of swing, balance beam suspension |
| Number of idler pulleys (per side) | 2 |
| Number of supports (per side) | 7 |
| Number of guide wheels (per side) | 1 |
| Track form | Assembled single shoe |
| Track width | The standard 560mm/ selection of 660mm ,760mm |
| Number of tracks (per side) | 41 |
| track gauge | 2140mm |
| track cantact lenght | 3150mm |
|  Contact Pressure | The standard 0.105Mpa/ selection of 0.09Mpa and 0.078Mpa |
| Climbing ability | 30° |
| Hydraulic pump type | gear pump |
| Maximum working oil pressure | 14Mpa |
| flux | 355L/min |