



| <b>Bulldozer</b>                                       |   | <b>Rhino RD24</b> |   | <b>Komatsu D65PX-17</b> |   | <b>Caterpillar D6T</b> |   | <b>John Deere 850K</b> |   | <b>Case 2050M</b> |  |
|--|---|-------------------|---|-------------------------|---|------------------------|---|------------------------|---|-------------------|--|
| <b>General</b>   |   |                   |   |                         |   |                        |   |                        |   |                   |  |
| Brand  | Rhino                                     |                   | Komatsu                                   |                         | Caterpillar                               |                        | John Deere                                  |                        | Case                                      |                   |  |
| Model  | RD24                                      |                   | D65PX-17                                  |                         | D6T                                       |                        | 850K  |                        | 2050M                                     |                   |  |
| Blade Type   | Straight Tilt                             |                   | Straight Tilt                             |                         | Straight Tilt                             |                        | PAT   |                        | Straight Tilt                             |                   |  |
| Net Horsepower kW (hp)                                 | 164                                       | (220)             | 153                                       | (205)                   | 180                                       | (241)                  | 152   | (204)                  | 160                                       | (215)             |  |
| Operating Weight, as Equipped kg (lb)                  | 23,450                                    | (51,698)          | 22,990                                    | (50,684)                | 21,306                                    | (46,972)               | 19,876                                      | (43,819)               | 20,599                                    | (45,413)          |  |
| <b>Engine</b>  |   |                   |   |                         |   |                        |   |                        |   |                   |  |
| Engine Make (optional)                                 | Cummins (Rhino)                           |                   | Komatsu                                   |                         | Caterpillar                               |                        | John Deere                                  |                        | Case                                      |                   |  |
| Engine Model   | NT855                                     |                   | SAA6D114E-5                               |                         | C9.3 ACERT                                |                        | PSS 6068                                    |                        | F4HE96848                                 |                   |  |
| Engine Type  | 4 Cycle, Water - Cooled, Direct Injection |                   | 4 Cycle, Water - Cooled, Direct Injection |                         | 4 Cycle, Water - Cooled, Direct Injection |                        | 4 Cycle, Water - Cooled, Direct Injection   |                        | 4 Cycle, Water - Cooled, Direct Injection |                   |  |
| Aspiration   | Turbocharged, Air-to-Air After Cooled     |                   | Turbocharged, Air-to-Air After Cooled     |                         | Turbocharged, Air-to-Air After Cooled     |                        | Turbocharged, Air-to-Air After Cooled       |                        | Turbocharged, Air-to-Air After Cooled     |                   |  |
| Number of Cylinders                                    | 6   |                   | 6   |                         | 6   |                        | 6   |                        | 6   |                   |  |
| Bore x Stroke mm (in)                                  | 140 x 152                                 | (5.5 x 6)         | 114 x 144                                 | (4.49 x 5.69)           | 115 x 149                                 | (4.5 x 5.9)            | N/P   | N/P                    | N/P                                       | N/P               |  |
| Piston Displacement L (cu. In)                         | 14  | (854)             | 8.9                                       | (540)                   | 9.3                                       | (568)                  | 6.8   | (415)                  | 6.7                                       | (409)             |  |
| Fan Drive for Radiator Cooling                         | Belt Driven                               |                   | Hydraulic                                 |                         | Belt Driven                               |                        | Hydraulic, Manual Reversing With Clean Mode |                        | N/P                                       |                   |  |
| Fuel System  | Direct Injection                          |                   | Direct Injection                          |                         | Direct Injection                          |                        | Direct Injection                            |                        | Direct Injection                          |                   |  |
| <b>Drivetrain</b>                                      |   |                   |   |                         |   |                        |   |                        |   |                   |  |
| Drivetrain Type  | TORQUE CONV/ POWERSHIFT                   |                   | TORQFLOW                                  |                         | Torque Divider/ Power Shift               |                        | Dual-Path Hydrostatic                       |                        | Hydrostatic                               |                   |  |
| Number of Speeds (Fwd/Rev)                             | 3F/3R                                     |                   | 3F/3R                                     |                         | 3.5F / 3.5R                               |                        | Infinite                                    |                        | N/P                                       |                   |  |
| Max. Speed Forward Kph (mph)                           | 10  | (6)               | 11  | (7)                     | 11  | (7)                    | 10  | (6)                    | 6   | (4)               |  |
| Max. Speed Reverse Kph (mph)                           | 13  | (8)               | 13  | (8)                     | 15  | (9)                    | 10  | (6)                    | 6   | (4)               |  |
| Steering Control                                       | HSSR                                      |                   | HSS                                       |                         | Differential Steering                     |                        | Hydrostatic                                 |                        | Hydrostatic                               |                   |  |
| Minimum Turning Radius m (ft)                          | 3   | (9.8)             | 2.2                                       | (7.2)                   | N/P                                       | N/P                    | N/P   | N/P                    | N/P                                       | N/P               |  |
| Final Drives   | Double Reduction                          |                   | N/P                                       |                         | Single Reduction                          |                        | Double Reduction                            |                        | Double Reduction                          |                   |  |
| Sprockets  | Segments                                  |                   | N/P                                       |                         | Segments                                  |                        | Replaceable Segments                        |                        | N/P                                       |                   |  |
| <b>Undercarriage</b>                                   |   |                   |   |                         |   |                        |   |                        |   |                   |  |
| Undercarriage Suspension Type                          | Oscillating                               |                   | Oscillating                               |                         | Oscillating                               |                        | Oscillating                                 |                        | Oscillating                               |                   |  |
| Track Roller Frame                                     | Monocoque                                 |                   | Monocoque                                 |                         | Tubular                                   |                        | Fabricated                                  |                        | N/P                                       |                   |  |
| Track Roller Type                                      | Assembled                                 |                   | PLUS Long Life                            |                         | Sealed and Lubricated                     |                        | Sealed And Lubricated Track (SALT)          |                        | N/P                                       |                   |  |
| Number of Track Rollers                                | 6   |                   | 8   |                         | 8   |                        | 8   |                        | 8   |                   |  |
| Number of Carrier Rollers                              | 2   |                   | N/P                                       |                         | 1   |                        | 2   |                        | 2   |                   |  |
| Type of Shoes  | Single Grouser                            |                   | Single Grouser                            |                         | Single Grouser                            |                        | Single Grouser                              |                        | N/P                                       |                   |  |
| Number of Shoes per Side                               | 38  |                   | 45  |                         | 45  |                        | 45  |                        | 45  |                   |  |
| Grouser Height mm (in)                                 | 65  | (3)               | 65  | (3)                     | 65  | (3)                    | 65  | (3)                    | N/A                                       | N/A               |  |
| Ground Contact Area cm <sup>2</sup> (in <sup>2</sup> ) | 35,504                                    | (5,503)           | 59,935                                    | (9,290)                 | 59,950                                    | (9,292)                | 60,058                                      | (9,309)                | N/A                                       | N/A               |  |
| Ground Pressure Kpa (psi)                              | 71  | (10,298)          | 32  | (4,641)                 | 34  | (4,931)                | 35  | (5,076)                | N/A                                       | N/A               |  |
| Track Gauge mm (ft)                                    | 2,000                                     | (6.6)             | 1,880                                     | (6.2)                   | 2,286                                     | (7.5)                  | 2,388                                       | (7.8)                  | N/A                                       | N/A               |  |
| Length of Track on Ground mm (ft)                      | 3,150                                     | (10.3)            | 2,970                                     | (9.7)                   | 3,250                                     | (10.7)                 | 3,284                                       | (10.8)                 | N/A                                       | N/A               |  |
| <b>Hydraulics</b>                                      |   |                   |   |                         |   |                        |   |                        |   |                   |  |
| Hydraulic Type   | Closed-Center                             |                   | Closed-Center Load-Sensing                |                         | Load Sensing                              |                        | Load Sensing                                |                        | N/P                                       |                   |  |
| Hydraulic Pump Type                                    | Gear                                      |                   | Piston                                    |                         | N/P                                       |                        | Piston                                      |                        | Piston                                    |                   |  |
| Hydraulic Pump Capacity L/min (gpm)                    | 262                                       | (69)              | 248                                       | (66)                    | 205                                       | (54)                   | 163   | (43)                   | 132                                       | (35)              |  |
| Blade Lift Cylinder Number                             | 2   |                   | 2   |                         | 2   |                        | 2   |                        | 2   |                   |  |
| Blade Tilt Cylinder Number                             | 1   |                   | 1   |                         | 1   |                        | 1   |                        | 1   |                   |  |
| Blade Angle Cylinder Number                            | 0   |                   | 2   |                         | 1   |                        | N/A   |                        | 2   |                   |  |
| Relief Valve Setting Mpa (psi)                         | 14  | (2,031)           | 28  | (4,061)                 | 22  | (3,191)                | 256   | (37,130)               | 20  | (2,901)           |  |
| <b>Dozer Blade</b>                                     |   |                   |   |                         |   |                        |   |                        |   |                   |  |
| Blade Type   | Straight Tilt                             |                   | PAT/Straigh                               |                         | Straight Tilt                             |                        | Straight Tilt                               |                        | N/P                                       |                   |  |
| Dozer Blade Capacity m <sup>3</sup> (cu. Yd)           | 6.3                                       | (8.2)             | 3.7                                       | (4.8)                   | 5.2                                       | (6.8)                  | 4.5   | (5.9)                  | N/P                                       | N/P               |  |
| Blade Width x Height mm (ft)                           | 3,823 x 1,280                             | (12.5 x 4.2)      | 3,970 X 1100                              | (13 x 3.7)              | 5,070 x N/P                               | (16.6 x N/P)           | 4,267 x 1,229                               | (14 x 4)               | N/P                                       | N/P               |  |
| <b>Dimensions</b>                                      |   |                   |   |                         |   |                        |   |                        |   |                   |  |
| Overall Length mm (ft)                                 | 7,604                                     | (24.9)            | 5,680                                     | (18.6)                  | N/A                                       | N/A                    | 5,740                                       | (18.8)                 | 5,359                                     | (17.6)            |  |
| Overall Height mm (ft)                                 | 3,402                                     | (11.2)            | 3,370                                     | (11.1)                  | 3,219                                     | (10.6)                 | 3,161                                       | (10.4)                 | 3,150                                     | (10.3)            |  |
| Height to Top of Exhaust Stack mm (ft)                 | 3,128                                     | (10.3)            | 3,085                                     | (10.1)                  | 3,176                                     | (10.4)                 | N/P   | N/P                    | N/P                                       | N/P               |  |
| Overall Width (Shipping) mm (ft)                       | 2,895                                     | (9.5)             | N/A                                       | N/A                     | 3,193                                     | (10.5)                 | 3,302                                       | (10.8)                 | 3,404                                     | (11.2)            |  |
| Overall Track Width mm (ft)                            | 2,895                                     | (9.5)             | N/A                                       | N/A                     | 3,193                                     | (10.5)                 | 3,284                                       | (10.8)                 | 2,515                                     | (8.3)             |  |
| Center of Idler to Center of Sprocket mm (ft)          | 3,168                                     | (10.4)            | N/A                                       | N/A                     | 3,250                                     | (10.7)                 | 3,073                                       | (10.1)                 | N/P                                       | N/P               |  |
| <b>Maintenance</b>                                     |   |                   |   |                         |   |                        |   |                        |   |                   |  |
| Refill Capacity - Coolant L (gal)                      | 118                                       | (31.2)            | 54  | (14.3)                  | 46  | (12.2)                 | 38  | (10.0)                 | 30  | (7.9)             |  |
| Refill Capacity - Fuel Tank L (gal)                    | 450                                       | (119)             | 415                                       | (110)                   | 368                                       | (97)                   | 368   | (97)                   | 405                                       | (107)             |  |
| Refill Capacity - Engine L (gal)                       | 20  | (5.3)             | 25  | (6.6)                   | 25  | (6.6)                  | 25  | (6.6)                  | 16  | (4.2)             |  |
| Refill Capacity - Hydraulics L (gal)                   | 100                                       | (26.4)            | N/A                                       | N/A                     | 62  | (16.4)                 | 112   | (29.6)                 | 210                                       | (55.5)            |  |
| Refill Capacity - Final Drives, Each L (gal)           | 20  | (5.3)             | N/A                                       | N/A                     | 14  | (3.7)                  | N/P   | N/P                    | N/P                                       | N/P               |  |
| Refill Capacity - Power Train L (gal)                  | 150                                       | (39.6)            | N/A                                       | N/A                     | 148                                       | (39.1)                 | 106   | (28.0)                 | N/P                                       | N/P               |  |

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