

Rippa Skid-Steer Loaders: Power & Performance

|                       |                            |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|-----------------------|----------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                       |                            |  |  |  |  |
| Engine                | Brand model                | RS04                                                                              | RS06                                                                               | RS07                                                                                | RS20                                                                                |
|                       | Engine model               | Kubota Z482                                                                       | Kubota D1105                                                                       | Kubota D1105                                                                        | Yanmar 4TNV98C                                                                      |
|                       | Number of cylinders        | 2                                                                                 | 3                                                                                  | 3                                                                                   | 4                                                                                   |
|                       | Rated power                | 8.3kw/11.1hp                                                                      | 18.4kw/24.7hp                                                                      | 18.4kw/24.7hp                                                                       | 49.9kw/66.9hp                                                                       |
| Main pump             | Pump types                 | Triple gear pump                                                                  | Plunger pump                                                                       | Double closed pump + built-in oil charge pump + gear pump                           | Double closed pump + built-in oil charge pump + gear pump                           |
|                       | Number of pumps            | 3                                                                                 | 1                                                                                  | 4                                                                                   | 4                                                                                   |
|                       | Flow rate                  | 14.4+9.6+9.6 L/min<br>3.8+2.5+2.5gpm                                              | 84 L/min<br>22.2gpm                                                                | 48+48+28.2+48 L/min<br>12.7+12.7+7.5+12.7gpm                                        | 108+108+35.7+108 L/min<br>28.5+28.5+9.4+28.5gpm                                     |
| Multi-way valve       | Number and type of valves  | Mechanical valve x3                                                               | Load sensing multi-way valve                                                       | Pilot operated multi-way valve                                                      | Load sensing multi-way valve                                                        |
| Travel motor          | Motor type                 | Orbital Motor                                                                     | Orbital Motor                                                                      | Orbital Motor                                                                       | Plunger motor                                                                       |
|                       | Single/Dual Speed          | Single speed                                                                      | Single speed                                                                       | Single speed                                                                        | Double speed                                                                        |
| Auxiliary oil circuit | Quantity                   | 2 groups, 5 Lines                                                                 | 1 groups, 3 Lines                                                                  | 1 groups, 3 Lines                                                                   | 1 groups, 3 Lines                                                                   |
| Basic parameters      | Total weight               | 890kg/1958 lb                                                                     | 1201kg/2642 lb                                                                     | 1230kg/2706 lb                                                                      | 4225kg/9295 lb                                                                      |
|                       | System working pressure    | 16Mpa<br>2320.6psi                                                                | 18Mpa<br>2610psi                                                                   | 18Mpa<br>2610psi                                                                    | 21Mpa<br>3045.8psi                                                                  |
|                       | Bucket capacity            | 0.15m³<br>5.3ft³                                                                  | 0.2m³<br>7.1ft³                                                                    | 0.16m³<br>5.7ft³                                                                    | 0.4m³<br>14.1ft³                                                                    |
|                       | Rated load                 | 175kg<br>385.0lb                                                                  | 325kg<br>716.0lb                                                                   | 300kg<br>660.0lb                                                                    | 1050kg<br>2310.0lb                                                                  |
|                       | Maximum loading mass       | 300kg<br>660.0lb                                                                  | 650kg<br>1433.0lb                                                                  | 670kg<br>1474.0lb                                                                   | 2100kg<br>4620.0lb                                                                  |
|                       | Maximum unloading height   | 1553mm<br>61.1in                                                                  | 1600mm<br>63.0in                                                                   | 1725mm<br>67.9in                                                                    | 2250mm<br>88.6in                                                                    |
|                       | Maximum loading height     | 2080mm<br>81.9in                                                                  | 2580mm<br>101.6in                                                                  | 2260mm<br>89.0in                                                                    | 3750mm<br>147.6in                                                                   |
|                       | Maximum unloading distance | 550mm<br>21.7in                                                                   | 586mm<br>23.1in                                                                    | 508mm<br>20.0in                                                                     | 1360mm<br>53.5in                                                                    |
|                       | Minimum ground clearance   | 108mm<br>4.25in                                                                   | 176mm<br>6.9in                                                                     | 176mm<br>6.9in                                                                      | 230mm<br>9.1in                                                                      |
| Support aids          | Weight requirements        | All accessories weighing less than 300kg                                          | All accessories weighing less than 600kg                                           | All accessories weighing less than 650kg                                            | All accessories weighing less than 1600kg                                           |
|                       | Flow rate                  | 14.4L/min<br>3.8gpm                                                               | 40L/min<br>10.6gpm                                                                 | 48L/min<br>12.7gpm                                                                  | 100L/min<br>26.4gpm                                                                 |
| Configuration         | Cabin                      |                                                                                   | —                                                                                  | ●                                                                                   | ●                                                                                   |
|                       | Quick change               |                                                                                   | ●                                                                                  | ●                                                                                   | ●                                                                                   |
|                       | Four-in-one bucket         |                                                                                   | ○                                                                                  | ○                                                                                   | ○                                                                                   |
|                       | Fork                       |                                                                                   | ○                                                                                  | ○                                                                                   | ○                                                                                   |
|                       | Sweeper                    |                                                                                   | ○                                                                                  | ○                                                                                   | ○                                                                                   |
|                       | Breaker                    |                                                                                   | ○                                                                                  | ○                                                                                   | ○                                                                                   |
|                       | Walking Type               | Track                                                                             | ●                                                                                  | ●                                                                                   | ●                                                                                   |
|                       |                            | Wheeled                                                                           | —                                                                                  | ●                                                                                   | ●                                                                                   |
|                       | Quick change travel module |                                                                                   | ●                                                                                  | —                                                                                   | —                                                                                   |
|                       | Air conditioning           |                                                                                   | —                                                                                  | Single heating                                                                      | ●                                                                                   |
| Maximum driving speed | Low speed                  |                                                                                   | 2.5km/h<br>1.55mph                                                                 | 5km/h<br>3.11mph                                                                    | 5km/h<br>3.11mph                                                                    |
|                       | high speed                 |                                                                                   | —                                                                                  | —                                                                                   | 10km/h<br>6.21mph                                                                   |

Note: ● Standard    ○ Optional    — Not available