



## 7 Ton Front End Loader

# T-REX976

Revaro Wheel Loaders are a versatile yellow metal machine. Whether you need a wheel loader for use in landscaping, agricultural, construction, waste management, forestry, or mining applications. Revaro wheel loaders make your material handling and loading jobs safer, faster, more precise and profitable.



## Specs

| Dimensions                            |                   |
|---------------------------------------|-------------------|
| Tread                                 | 2360mm            |
| Overall length (bucket on the ground) | 8900mm            |
| Overall width (Outside the tyres)     | 3035mm            |
| Bucket width                          | 3320mm            |
| Overall height                        | 3620mm            |
| Wheel base                            | 3450mm            |
| Specifications                        |                   |
| Bucket Capacity                       | 4.2m <sup>3</sup> |
| Rated Load                            | 7000kg            |
| Operating weight                      | 24.8T             |
| Speed - Forward I / reverse I         | 6.8/6.8km/h       |
| Speed - Forward II/ reverse II        | 12.7/12.7km/h     |
| Speed - Forward III/ reverse III      | 27.6/27.6km/h     |
| Speed - Forward IV/ reverse IV        | 40km/h            |
| Max. tractive force                   | 220kN             |
| Max. climbing gradient                | >25°              |
| Max. dumping angle                    | 45°               |
| Max. dumping height                   | 3200mm            |
| Dumping reach                         | 1268mm            |
| Overturn angle of bucket              | ±45°              |
| Max. Breakout force                   | 220kN             |





|                                     |                                          |
|-------------------------------------|------------------------------------------|
| Max excavating depth                | 50mm                                     |
| Rising time of the boom             | ±6.5s                                    |
| Total cycling time                  | ±11s                                     |
| Min. Turning radius                 | 5950mm                                   |
| Crossing radius                     | 7010mm                                   |
| Turning angle of the frames         | 40°                                      |
| Oscillating angle of the rear axle  | ±13°                                     |
| <b>Tyres</b>                        |                                          |
| Front axle                          | Fixed with frame                         |
| Rear axle                           | Swing type                               |
| Tyre specification                  | 26.5-25                                  |
| Inflating Pressure - Front          | 0.38 - 0.40mPa                           |
| Inflating Pressure - Back           | 0.36 - 0.38mPa                           |
| <b>Suspension / Brakes</b>          |                                          |
| Foot brake                          | Brake on 4 wheel                         |
| System pressure                     | 17.5mPa                                  |
| The highest oil pressure of brake   | 80bar                                    |
| Hand brake                          | Electrical ctrl & spring boosting        |
| Released oil pressure of hand brake | 10.2mPa                                  |
| Brake valve model                   | LT17MFEA-4X/080/40M                      |
| Booster model                       | SB0210-2E1/112A                          |
| <b>Steering hydraulic system</b>    |                                          |
| Type                                | Hydraulic steering                       |
| Model of steering oil pump          | 1117132182                               |
| Steering unit model                 | BZZ3-125                                 |
| Steering limit valve                | XF-B6                                    |
| Flow amplified valve                | ZLF25A1                                  |
| Displacement of pump                | 80ml/r                                   |
| System pressure                     | 19±0.5mPa                                |
| Steering cylinder                   | É,110x405mm                              |
| Maximum steering angle              | 40°                                      |
| <b>Engine</b>                       |                                          |
| Model                               | QSM11-C290 / WD12G310E221                |
| Type                                | 4-stroke, water cooling, turbine charged |
| Rated power                         | 216 / 226kW                              |





|                                    |                                               |
|------------------------------------|-----------------------------------------------|
| Rated speed                        | 2100r/min                                     |
| Max. torque                        | 1478/1000 / 1600/1200-1500Nm/r/min            |
| Start type                         | Electrical start / oil and electricity cutoff |
| <b>Fuel &amp; Hydraulic system</b> |                                               |
| Working oil pump                   | P7600-F112/P124-G35DIG                        |
| Displacement of oil pump           | 112(+80)ml/r                                  |
| System pressure                    | 20Â±0.5mPa                                    |
| Boom cylinder                      | É,180x885mm                                   |
| Tilt cylinder                      | É,220x590mm                                   |
| Pilot hydraulic system             | 1117132182                                    |
| Pilot pump                         | 16ml/r                                        |
| Displacement of pump               | 5THF606-2X                                    |
| Fuel                               | 400L                                          |
| QSM11                              | 33L                                           |
| Gearbox/torque converter oil       | 60L                                           |
| Working hydraulic oil              | 340L                                          |
| Gear oil for drive axle            | 54L/piece                                     |
| <b>Torque Converter</b>            |                                               |
| Type                               | 1 stage, 3- elements                          |
| Coefficient of torque converter    | k=2.248                                       |
| Cooling method                     | Wind cooling                                  |
| Diametre of cycle                  | 370mm                                         |
| <b>Transmission</b>                |                                               |
| Model                              | 4WG-260                                       |
| Gear number                        | Forward 4 / reverse 3                         |
| Forward I / reverse I              | 4.187/4 187                                   |
| Forward II/ reverse II             | 2.207/2.207                                   |
| Forward III/ reverse III           | 0.970/0.970                                   |
| Forward IV/ reverse IV             | 0.625                                         |
| <b>Front/Rear axle</b>             |                                               |
| Model                              | ZF MT-L3105                                   |
| Total speed ratio                  | 23.334                                        |
| Types front/rear                   | 1 stage: speed reduction /planetary reduction |
| Rim reduction                      | 6                                             |

