

TW60 Series 2

Product Comparison

TAKEUCHI®

Takeuchi
TW60 Series 2

Kubota
R530

Kubota
R630

Volvo
L20H

Volvo
L25H

Yanmar
V8

PERFORMANCE

| Loader Boom Design | Z Bar | Z Bar | Z Bar | Parallel | Parallel | Z Bar |
|-------------------------|----------------------|---------------------|----------------------|---------------------|----------------------|----------------------|
| Operating Weight | 10,758 lb (4,880 kg) | 9,303 lb (4,220 kg) | 10,229 lb (4,640 kg) | 9,877 lb (4,480 kg) | 10,847 lb (4,920 kg) | 10,802 lb (4,900 kg) |
| Tipping Load, Straight | 6,688 lb (3,034 kg) | 6,041 lb (2,740 kg) | 7,606 lb (3,450 kg) | 7,275 lb (3,330 kg) | 7,496 lb (3,400 kg) | 8,311 lb (3,770 kg) |
| Tipping Load, Full Turn | 5,906 lb (2,679 kg) | 5,093 lb (2,310 kg) | 6,459 lb (2,930 kg) | 6,393 lb (2,900 kg) | 6,724 lb (3,050 kg) | 7,341 lb (3,330 kg) |
| Operating Capacity* | 2,952 lb (1,339 kg) | 2,546 lb (1,155 kg) | 3,229 lb (1,465 kg) | 3,196 lb (1,449 kg) | 3,362 lb (1,524 kg) | 3,670 lb (1,665 kg) |
| Bucket Breakout Force | 9,038 lb (4,100 kg) | 7,761 lb (3,520 kg) | 10,415 lb (4,724 kg) | 6,070 lb (2,739 kg) | 6,969 lb (3,161 kg) | 10,318 lb (4,680 kg) |
| Lift Arm Breakout Force | 6,675 lb (3,028 kg) | NP | 8,505 lb (3,858 kg) | 7,419 lb (3,365 kg) | 8,543 lb (3,875 kg) | 10,800 lb (4,898 kg) |
| Traction Force | 8,818 lb (4,000 kg) | 6,540 lb (2,966 kg) | 8,593 lb (3,898 kg) | NP | NP | NP |

*Operating capacity is 50% of full turn tipping load with bucket according to SAE J818

Pin and Hook coupler

ENGINE

| Make / Model | Yanmar 4TNV86CHT-M | Kubota / V2607-CR-E4 | Kubota / V2607-CR-TE4 | Volvo D2.6M | Volvo D2.6M | Duetz TCD 2.9 L4 |
|--------------------|----------------------|----------------------|-----------------------|--------------------|--------------------|--------------------|
| Tier Rating | EPA Tier 4 | EPA Final Tier 4 | EPA Final Tier 4 | EPA Final Tier 4 | EPA Final Tier 4 | EPA Final Tier 4 |
| Horsepower | 61.0 hp (45.6 kW) | 51 hp (38 kW) | 64.4 hp (48.0 kW) | 64.4 hp (48.0 kW) | 64.4 hp (48.0 kW) | 60 hp (45 kW) |
| Rated Engine Speed | 2,200 rpm | 2,400 rpm | 2,400 rpm | 2,400 rpm | 2,400 rpm | 2,500 rpm |
| Maximum Torque | 146.0 ft-lb (198 Nm) | NP | NP | 166 ft-lb (225 Nm) | 166 ft-lb (225 Nm) | 177 ft-lb (240 Nm) |

DRIVETRAIN

| | | | | | | |
|----------------------------|---------------------|-----------------------|---------------------|---------------------|---------------------|----------------------|
| Differential Lock | 100% Front/Rear | 100% | 100% Front/Rear | 100% | 100% | NP |
| Steering Articulation | 40 deg | 40 deg | 40 deg | 38 deg | 38 deg | 40 deg |
| Frame or Axle Oscillation | 12 deg | 8 deg | 8 deg | 10 deg | 10 deg | 8 deg |
| Travel Speed Low Range | 4.0 mph (6.5 km/hr) | 2.9 mph (4.7 km/hr) | 3.0 mph (4.8 km/hr) | NP | NP | 3.0 mph (5.0 km/hr) |
| Travel Speed High Range | 12.4 mph (20 km/hr) | 12.4 mph (20.0 km/hr) | 12.4 mph (20 km/hr) | 4.3 mph (6.9 kmh) | 4.3 mph (6.9 kmh) | 6.0 mph (10.0 km/hr) |
| Optional High Speed Travel | 17.4 mph (28 km/hr) | NA | NP | 18.6 mph (29.9 kmh) | 18.6 mph (29.9 kmh) | 22.0 mph (36 km/hr) |

HYDRAULIC SYSTEM

| | | | | | | |
|------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Hydraulic Reservoir Capacity | 15.1 gal (57.0 L) | 10.3 gal (39 L) | 10.3 gal (39 L) | 15.6 gal (59.0 L) | 15.6 gal (59.0 L) | NP |
| Auxiliary Flow - Standard | 15.8 gpm (60.0 L/m) | 14.2 gpm (53.8 L/m) | 17.8 gal (67.4 L) | 14.5 gpm (54.9 L) | 14.5 gpm (54.9 L) | 17gpm (64 L/m) |
| Auxiliary Flow - Optional | NA | NA | NA | 29.0 gpm (110 L/min) | 29.0 gpm (110 L/min) | NA |
| Hydraulic System Pressure | 3,336 psi (23.0 MPa) | 2,700 psi (18.6 MPa) | 3,000 psi (20.7 MPa) | 2,901 psi (20.0 Mpa) | 3,335 psi (22.9 Mpa) | 3,625 psi (24.9 MPa) |

DIMENSIONS

| | | | | | | |
|-----------------------------------|---------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Wheelbase | 6' 6.7" (2,000 mm) | 6' 5" (1,956 mm) | 6' 7" (2,007 mm) | 6' 9" (2,057 mm) | 6' 9" (2,057 mm) | 6' 11" (1,850 mm) |
| Outside Turning Radius | 12' 1.3" (3,690 mm) | NP | 11' 4" (3,454 mm) | 12' 7" (3,835 mm) | 12' 9" (3,890 mm) | 13' 8" (4,160 mm) |
| Maximum Lift Height to Bucket Pin | 10' 3.2" (3,130 mm) | 10' 7" (3,225 mm) | 10' 8" (3,251 mm) | 10' 4" (3,150 mm) | 10' 4" (3,150 mm) | 10' 6" (3,200 mm) |
| Dump Height Fully Raised | 8' 1.4" (2,475 mm) | 8' 0" (2,438 mm) | 8' 3" (2,515 mm) | 7' 11" (2,415 mm) | 7' 8" (2,340 mm) | 8' 4" (2,550 mm) |
| Reach Fully Raised | 2' 2.4" (670 mm) | 2' 9" (838 mm) | 2' 6" (762 mm) | 2' 7" (785 mm) | 2' 9" (850 mm) | 2' 4" (700 mm) |
| Overall Width Without Bucket | 6' 3.0" (1,905 mm) | 5' 8" (1,727 mm) | 5' 11" (1,805 mm) | 5' 4" (1,626 mm) | 5' 9" (1,752 mm) | 5' 10" (1,780 mm) |
| Overall Height | 8' 1.4" (2,475 mm) | 8' 1" (2,464 mm) | 8' 2" (2,489 mm) | 8' 2" (2,489 mm) | 8' 2" (2,489 mm) | 8' 9" (2,640 mm) |
| Minimum Ground Clearance | 17.3" (440 mm) | 12.8" (325 mm) | 13.8" (351 mm) | 11.0" (279 mm) | 11.0" (279 mm) | 17.0" (435 mm) |