

TAKEUCHI®

The Power of Product and Support



All Takeuchi wheel loaders share our commitment to the highest standards in quality and performance. They are engineered to be durable and powerful while providing mobility and stability. The specifications and features make the TW80 reliable to own, comfortable to operate and a performance leader on the job.

When you invest in a Takeuchi, you receive over five decades of equipment innovation, the quality assurance of ISO-9001 certification and responsive after sales support from an industry leader.

Try a Takeuchi and feel the power.

TW80 Wheel Loader

TW80 Wheel Loader

- Spacious and comfortable operator's compartment allows for productive and fatigue-free operation

- Hydrostatic drive system with outboard planetary final drives provides durable and efficient power transfer

- Momentary pushbutton control of 100% front and rear axle differential lock provides additional traction in harsh terrain

- Frame oscillation and articulation enhances mobility, stability and operator comfort

- Forward, neutral and reverse functions controlled on-the-go with a thumb slide switch

DIMENSIONS AND WEIGHT

Operating Weight (lbs).....	12,577
Overall Width Without Bucket.....	80.7"
Overall Height (Cab).....	105.7"
Overall Length With Bucket.....	219.7"
Maximum Lift Height to Bucket Pin.....	133.1"
Dump Height Fully Raised.....	102.6"
Max. Dump Angle Fully Raised.....	45°
Max. Bucket Rollback at Ground Level.....	48°
Reach Fully Raised.....	29.1"

PERFORMANCE

Tipping Load, Straight (lbs).....	9,420
Tipping Load, Full Turn (lbs).....	8,294
Operating Capacity (lbs)	
50% of Full Turn Tipping Load.....	4,147
Breakout Force (lbs) Bucket Cylinders.....	15,287
Lift Capacity at Ground Level (lbs).....	13,567

CYCLE TIME

Raise-Full Load (seconds).....	5.0
Lower-No load (seconds).....	4.1
Dump-Full Load (seconds).....	1.2

HYDRAULIC SYSTEM

Hydraulic Reservoir Capacity (gal).....	19.8
Auxiliary Hydraulic Flow (gpm).....	19.8
System Operating Pressure (psi).....	3,203

ENGINE

Make/Model.....	Deutz BF4L 2011
Horsepower/RPM (SAE gross).....	73 / 2,300
Maximum Torque (ft-lb/rpm).....	170 / 1,600
Cylinders/CID.....	4 / 169.8
Engine Lubrication (qt).....	11.6
Fuel Tank Capacity (gal).....	26.4
Fuel Consumption (65% of full load) gal/hr.....	2.62
Electrical System (volt/amp).....	12 / 80

UNDERCARRIAGE

Transmission Type.....	Hydrostatic
Axle Type.....	Planetary Rigid Axles
Parking/Service Brake Type	
Spring Applied Hydraulically Released Wet Disc	
Tires.....	405/70R20
Tread Width.....	54.6"
Wheelbase.....	85.6"
Articulation.....	40° / 40°
Oscillation.....	+ or - 12°
Travel Speed (mph).....	12.4
Ground Clearance.....	18.8"

OPTIONAL BUCKETS

Width.....	81.5"
Capacity SAE Heaped (cu yd).....	1.3

STANDARD FEATURES

- Low and high range travel speed
- Sound absorbing ROPS/FCPS cab with heat
- Operator's compartment entry and exit grab handles and steps
- Dual element air cleaner with restriction indicator
- Front and rear work lights
- Automatic fuel bleed system
- Hydraulic quick attach
- Bucket float function
- Six-way adjustable suspension seat with retractable seat belt
- Two cab mounted rear view mirrors
- Back-up alarm
- Horn
- Vandalism protected lockable engine compartment
- Lift arm safety stop
- Adjustable arm rests
- Auxiliary hydraulic lines conveniently plumbed to bottom of loader arms
- 100% inching pedal
- Sun visor, ceiling lamp, coat hook and storage compartment
- Windshield and rear window wiper and wash unit
- Adjustable steering column
- Rear window defrost
- Rear tires follow the same track as front tires
- Z-pattern lift kinematics
- Automatic bucket positioning

TAKEUCHI

TW80 COMPETITIVE COMPARISON

	TAKEUCHI TW80	CASE 221D	CASE 321D	CAT 906	CAT 908	DEERE 244J	DEERE 304J	KOMATSU WA95-3	VOLVO L30B Pro
SPECIFICATIONS									
ENGINE/MODEL	Deutz BF4L 2011	Deutz F4M2011	Deutz BF4M2011	Cat 3044 C	Cat 3044 C	Deere 4024T	Deere 5030T	Komatsu 4D106E-2HC	Volvo D3DCDF2
HP/RPM	73.0 / 2500	58.0 / 2500	72.0 / 2300	68.0 / 2600	84.0 / 2600	64.0 / 2600	73.0 / 2800	74.0 / 2500	71.0 / 2300
OPERATING WEIGHT (LBS)	12,677	11,793	13,028	10,913	13,404	11,552	13,404	12,830	12,041
BUCKET CAPACITY (CU YD)	1.30	1.17	1.30	1.05	1.40	1.00	1.40	1.40	1.30
TIP LOAD, STRAIGHT (LBS)	9,420	8,873	9,496	7,546	9,636	8,456	10,241	10,692	9,700
TIP LOAD, ARTICULATED (LBS)	8,294	7,154	7,728	6,666	8,270	7,718	9,315	9,240	8,490
OPERATING CAPACITY (SAE)	4,147	3,577	3,864	3,333	4,135	3,859	4,658	4,620	4,245
AUXILIARY HYDRAULIC FLOW (GPM)	19.8	17.4	19.0	15.9	15.9	17.0	25.0	23.8	14.5
AUXILIARY HYDRAULIC PRESSURE (PSI)	3,263	3,335	3,335	3,400	3,400	3,190	2,750	2,755	3,625
BUCKET BREAKOUT FORCE (LBS)	15,287	12,182	15,955	10,340	13,710	10,792	12,364	16,313	13,710
TREAD WIDTH	64.6"	60.8"	60.0"	55.0"	61.0"	INA	INA	63.0"	56.0"
WHEELBASE	85.8"	88.6"	92.5"	79.0"	87.0"	84.6"	90.6"	85.0"	85.0"
WIDTH W/O BUCKET	60.7"	INA	77.9"	69.0"	77.0"	INA	INA	81.0"	75.0"
OVERALL LENGTH	219.7"	211.2"	217.8"	INA	INA	208.0"	226.8"	219.0"	203.0"
CANOPY HEIGHT	105.7"	110.0"	109.7"	INA	INA	107.0"	110.0"	108.0"	107.0"
HEIGHT TO BUCKET PIN	133.1"	125.3"	131.7"	123.0"	133.0"	126.0"	133.0"	136.0"	127.0"
REACH FULLY RAISED	29.1"	31.0"	35.0"	INA	INA	32.2"	34.8"	30.0"	28.0"
GROUND CLEARANCE	18.1"	14.2"	14.4"	INA	INA	11.6"	15.2"	20.0"	22.0"
TRAVEL SPEED (MPH)	12.4	12.4	12.4	12.0	12.0	18.6	18.6	12.4	19.0
FEATURES									
BACK-UP ALARM	STD	STD	STD	OPT	OPT	STD	STD	STD	STD
FRONT WORKING LIGHTS	STD	STD	STD	OPT	OPT	STD	STD	STD	STD
REAR WORKING LIGHTS	STD	OPT	OPT	OPT	OPT	OPT	OPT	STD	STD
INCHING PEDAL	STD	STD	STD	OPT	OPT	STD	STD	STD	STD
TILT-STEERING COLUMN	STD	STD	STD	N/A	N/A	STD	STD	STD	STD
FRONT DIFFERENTIAL LOCK	100%	LIMITED SLIP	LIMITED SLIP	LIMITED SLIP	LIMITED SLIP	STD / LIMITED	STD / LIMITED	LIMITED SLIP	100%
REAR DIFFERENTIAL LOCK	100%	OPT	OPT	OPT / LIMITED	OPT / LIMITED	CONVENTIONAL	CONVENTIONAL	LIMITED SLIP	100%
AUXILIARY HYDRAULIC LINES	STD	OPT	OPT	STD	STD	STD	STD	STD	STD
HYDRAULIC QUICK-TACH	STD	STD	STD	STD	STD	STD	STD	STD	STD
REPLACEABLE BUSHINGS	STD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BUCKET FLOAT	STD	INA	INA	INA	INA	STD	STD	STD	STD
AUTOMATIC BUCKET POSITIONING	STD	INA	INA	OPT	OPT	STD	STD	STD	STD
CENTER PIVOT STEERING	STD	N/A	N/A	STD	INA	N/A	N/A	STD	STD