

**AVAILABLE FOR
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ATS
EQUIPMENT INC.

www.atsequipment.com

HITACHI ZW80

WHEEL LOADER



ZW-5 series

193 hp

Engine Power

1.0–1.18 yd³

Bucket ISO Heaped

12,220 lbs

Operating Weight

ATS EQUIPMENT INC.

Construction Equipment & Supplies

Rentals • Sales • Service

BOSTON, MA
(617) 825-3600

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BUCKET DATA

Bucket Capacity Heaped	(yd ³)	1.18
Maximum Dumping Clearance	ft-in	7' 10"
Dumping Reach	ft-in	3' 3'
Bucket Hinge Pin Height	ft-in	10' 4 3/8"
Breakout Force	lbs.	8,280
Bucket Tilt Back Angle (carry)	degrees	49
Length	ft-in	17' 8"
Height	ft-in	9' 4"
Width (outside tire)	ft-in	6' 4"
Width (outside bucket)	ft-in	6' 6"
Wheelbase	ft-in	7' 3"
Clearance Circle	ft-in	29' 10"
Minimum Ground Clearance	ft-in	1' 1"
Full Articulation Angle	degrees	40
Operating Weight	lbs.	12,220
Straight Tipping Load	lbs.	8,470
Full Turn Tipping Load	lbs.	7,170

ENGINE AND TRANSMISSION

Engine Make/Model		Kubota V3307-DI-T
Horsepower	gross/net	61 Net
Liter Engine	L	3.3
Number of Cylinders	#	4
Alternator Amps	amp.	80
Emission Level	design	Tier 4i
Tier 4 Technology		N/A
Transmission Type		Hydrostatic
Speeds Forward/Reverse	F/R	2F/2R

SYSTEM FILL CAPACITY

Engine Coolant Capacity (gal)	gal.	2.6
Fuel Tank Capacity (gal)	gal.	21.7
Axle Oil Capacity Front/Rear	gal.	1.6/1.7
Hydraulic Oil Capacity	gal.	19.3

HYDRAULICS/STEERING/AXLE SYSTEMS

Hydraulic Cycle Time	sec.	9.5
Main Hydraulic Pump Type	type	Gear
Differential Gear	type	Conventional
Linkage	type	Z Bar
Brake Location		Inboard

TIRES

Tires Std.	17.5/60-20
Tires Optional	

Specifications based on ROPS Cab, Counterweight, GP BOCE Bucket, Material Density of 3040 cu.yds., Operator, Full Fuel and Lubricants, Standard Tire: 17.5/60-20. Assembled in Japan.

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STANDARD EQUIPMENT

Air Conditioning (manual operation type)
Alarms (audible):
Brake oil level
Engine coolant temp
Engine oil pressure
Alarms (visual):
Air filter
Brake oil level
Battery discharge
Engine coolant temp
Engine oil pressure
HST warning
Machine stop
Machine service
Alternator, 80 AMP
Battery, 12V 565 CCA
Brake (parking): spring applied; oil pressure released; enclosed wet disc
Brake (service): enclosed wet disc; full hydraulic system
Bucket, coupler-type
Bucket leveler
Cold start aid—glow plugs
Coupler, hydraulic, hook-type (std), universal (opt)
Counterweight
Diff-Lock (Front axle only, grip switch activated)
Drawbar
Easy clean floor
Engine fuel filter w/water separator
Engine coolant reservoir
Fenders
Gauges
Engine coolant temp
Fuel
Hourmeter
Hydraulic oil level, sight

Horn, electric
Hydraulic system, 3-spool valve
Inching pedal function
Indicators:
Clearance light
Engine pre-heater
Forward/reverse
High beam
Parking brake
Turn signals
Working light (opt equipment)
Limited slip differentials (F&R)
Linkage (Z-type, sealed w/HN bushings)
Lights:
(2) headlights
(2) Turn signals (front)
(2) Stop/tail/turn lights
(1) Backup
Neutral safety start
Radiator, side-by-side w/oil cooler
Radiator dust screen
Reverse alarm
ROPS/FOPS canopy
Safety articulation locking bar
Seat, adjustable suspension
Seat belt, 3"
Shift lever lock
Tires: 17.5/6-20
Travel mode switch
Vandalism protection

OPTIONAL EQUIPMENT

Differentials, manually locking, front
48" x 48" pallet forks, hook-type
HVAC (heat, vent, A/C)
ROPS/FOPS cab
Lifting eyes
Mechanical coupler
Radiator dust shield
Solid tires
Delete standard bucket

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