



Engine	Kubota D902
Rated Power	11.8 kW (15.8 hp / 16.0 ps) @ 2,300 rpm
Operating Weight	1,850 kg (steel track) (4,079 lbs) 1,750 kg (rubber track) (3,858 lbs)
Bucket Capacity	0.045 m ³ (0.059 yd ³)

9017FZTS EXCAVATOR

9017FZTS

EXCAVATOR

Tier 4F / Stage V



SPECIFICATIONS

Operating weight	Canopy 1,850 kg (steel track)
	Canopy 1,750 kg (rubber track)

Operating weight includes coolant, lubricants, full fuel tank, cab, standard Shoes, boom, arm, bucket and operator 75 kg (165 lbs).

Bucket capacity	0.045 m ³
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ENGINE

Description

3-cylinder straight four strokes, indirect injection.

Emission rating	Tier 4F / Stage V
Engine manufacturer	Kubota
Engine model	D902
Aspiration	Natural
Charged air cooling	Watercooler
Cooling fan drive	Direct
Displacement	0.898 L
Rated speed	2,300 rpm
Engine output - net	11.8 kW
Maximum torque	51.30 N·m @1,800 rpm
Bore × Stroke	72 × 73.6 mm

UNDERCARRIAGE

Track shoe each side	37 (metal) / 70 (rubber)
Link pitch	90 mm (metal) / 48 mm (rubber)
Shoe width, triple grouser	230 mm
Bottom rollers each side	3

SWING SYSTEM

Description

Planetary gear reduction driven by high torque axial piston motor, with oil disk brake. Swing parking brake resets within five seconds after swing pilot controls return to neutral

Swing speed	9.5 rpm
Swing torque	2,119 N·m

HYDRAULIC SYSTEM

Main pump

Type	Load-sensing variable pump
Maximum flow	44 L/min

Relief valve setting

Implement	21 MPa
Travel circuit	21 MPa
Slew circuit	13.2 MPa
Pilot circuit	3.5-3.9 MPa

Hydraulic cylinders

Boom Cylinder – Bore × Stroke	Φ60 × 462 mm
Arm Cylinder – Bore × Stroke	Φ60 × 365 mm
Bucket Cylinder – Bore × Stroke	Φ60 × 295 mm

ELECTRIC SYSTEM

System voltage	12 V
Batteries	12 V
Alternator	12 V - 40 A
Start motor	12 V - 1.4 kW

SERVICE CAPACITIES

Fuel tank	22 L
Engine oil	3.7 L
Cooling system	3 L
Hydraulic reservoir	15 L

SOUND PERFORMANCE

Exterior Sound Power Level (ISO 6395)	92 dB(A)
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DRIVE AND BRAKES

Description

Steering controlled by two hand levers with pedals.

Max. travel speed	High: 4.0 km/h Low: 2.2 km/h
Gradeability	30°/58%
Max. drawbar pull	16 kN

MACHINE WEIGHTS & GROUND PRESSURE

Shoe width	Shoe type	Operating weight	Ground pressure	Overall width
		1,685 mm, 1,070 mm arm, 0.045 m ³ bucket, 145 kg counterweight		
230 mm	Metal	1,850 kg	29.6 kPa	1,290 mm
	Rubber	1,750 kg	28.1 kPa	1,290 mm

ARM DIMENSIONS

Description

Arm	1,070 mm (3'6")	1,210 mm (3'12")
Length	1,305 mm (4'3")	1445 mm (4'7")
Height	282 mm ('11")	248 mm ('10")
Width	113 mm ('4")	113 mm ('4")
Weight	50 kg (110 lbs)	52 kg (115 lbs)

Cylinder, linkage and pin included.

BOOM DIMENSIONS

Description

Boom	1,685 mm (5'6")
Length	1,767 mm (5'10")
Height	615 mm (2'0")
Width	246 mm ('10")
Weight	88 kg (193 lbs)

Cylinder, piping and pin included. Boom cylinder pin excluded.

STANDARD EQUIPMENT

ENGINE SYSTEM

- Dry type air cleaner (inside and outside elements)
- Manual mechanical accelerator
- Engine manual pre-heating
- Fuel tank with drain plug
- Fuel supply passage with electric fuel pump
- Fuel shutoff valve
- Fuel level sensor
- Fuel refilling and fuel level alert
- Fuel pre-filter with water separation
- Fuel filter
- Radiator group with drain plug
- Coolant-level indicator (ground level)
- Cold start assembly (-15°C)

ELECTRICAL SYSTEM

- Display: hour meter, tachometer and timer etc.
- Indicator: engine oil pressure, low fuel level, air filter plugging, overheating, high fuel level, etc.
- Horn
- Pilot cut-off switch
- Disconnect switch
- 12 Volt power outlet with cap
- Data diagnosis port
- Auto diagnosis system
- Free maintenance battery
- 1 working light on boom (with guard)
- Fuse box
- Travel alarm (can be cancelled)

- Rotating beacon
- Integrated shift lever with high speed and creep speed

HYDRAULIC SYSTEM

- Pilot accumulator
- Visual hydraulic oil level (level gauge)
- Straight travel function
- Blade cylinder guard
- Swing lock: mechanical disc brake
- Service break
- Auto-shift travel speed
- Travel two-speed switching
- Boom deflection controlled by pedal
- Large flow single / two-way attached hydraulic line (to arm)
- Manual switch on auxiliary circuit: one way / dual way
- Attached large flow line controlled by electric proportional handle (with flow lock)

OPERATOR STATION

- Cabin with ROPS standard
- Cabin with TOPS standard
- Canopy
- File bag or file box
- Pedals for rest
- Height adjustable elbow rest
- Left armrest box can be flipped

- Foldable walking pedal
- Fire extinguisher
- General seat with 2' red retractable seat belt+seat belt alarm)
- 1 working light on the top of the cab

DIGGING EQUIPMENT

- Standard boom
- Standard arm 1,070 mm
- Boom with lifting hole
- Boom swing

UPPER STRUCTURE

- Boom swing position limit
- Swing lock: mechanical disc brake
- Transport fixing hole of travel frame
- Traction hole
- Seat forward
- Upper platform fastening point

UNDERCARRIAGE

- Extendable track frame
- Cover plate under travel frame
- Rubber shoes
- Dozer blade
- Foldable dozer blade

OPTIONAL EQUIPMENT

ELECTRICAL SYSTEM

- GPS (T-BOX)

HYDRAULIC SYSTEM

- Bucket cylinder rod protect
- Bucket clamp system
- Maximum flow adjustment of large flow auxiliary line
- Adjustable pressure (manually adjustable)

DIGGING EQUIPMENT

- Additional counterweight
- 1,210 mm (3'12") long arm

UNDERCARRIAGE

- Steel track
- Steel track+rubber block
- Long dozer blade (to reach the bucket)



LG-SP-9017FZTS-T4F/Stage V-WW-A4-042024-ENG

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