



PLANT SPEC ENQUIRY

Date	29-March-2017
Assessor	Rhys Wieneke
Company	B & J Equipment
Make	Hitachi
Model	ZX50U-3F
Type	Excavator - Small

UNIT DETAILS

IDENTIFICATION

Date	20170329 -111301
Assessor	Rhys Wieneke
Make	Hitachi
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STANDARD FEATURES

- Noise Test Results

1. Manufacturers specified noise level dBA
2. Ambient noise level dBA
3. Noise level - Operator position (high idle)
4. Noise level - Operator position (low idle)
5. Noise level LHS dBA @ m (high idle)
6. Noise level Front dBA @ m (high idle)
7. Noise level RHS dBA @ m (high idle)
8. Noise level Rear dBA @ m (high idle)

Bucket

Standard bucket capacity, SAE rated (m3)	0.16
Standard bucket width (mm)	600

Capacities

Fuel Tank Capacity (Litres)
Hydraulic Oil Tank Capacity (Litres)

Dimensions/Weights

Dig depth (mm)	3550
Dig depth to cut 2.44 m level bottom (mm)	
Dump height (mm)	4080
Ground clearance (mm)	340
Max depth of vertical wall (mm)	2820
Operating weight (kg)	5060
Reach @ ground level (mm)	5940
Tailswing radius (mm)	1000
Transport height (mm)	2510
Transport length (mm)	5460
Width (mm)	2000

Engine

Engine Displacement (Ltr)	2.189
Engine Hours	
Engine Make & Model	Yanmar 4TNV88
Engine Number	
Engine Power (kW@rpm)	28.4@2400
Number of Cylinders	4

Extras

Spare spool for attachments? Yes/No

Hitch

Quick Hitch Make
Quick Hitch Model
Quick Hitch Serial No.

Hydraulics

Flow of main pumps (lit/min)	120
Pump types	2 variable displacement axial piston pumps
Relief valve pressure, main pumps (bar)	

Plant Classifications

Class
Year

Safety Structures

FOPS Compliance No.

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FOPS Serial No.
ROPS Compliance No.
ROPS Serial No.

Tracks

Track length on ground (mm)	2500
Track pad width (mm)	400

Transmission

Speed (km/h)	4.2
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Work Capabilities

Arm breakout (kaf)	2450
Bucket breakout (kaf)	3750
Gradeability (%)	58

<END OF REPORT>
