مؤسسة رمز ركاز الجودة للتجارة
Ramz Rikaz Al Joudah Trading Est.
C.R. No: 7055068394
VAT No: 312849650600003
4620 Street No. 10
3602 Al Jazirah Dist.
Riyadh 14262
Saudi Arabia
السجل التجاري: ٧٠٥٥٠٦٨٣٩٤
الرقم الضريبي: ٣١٢٨٤٩٦٥٠٦٠٠٠٠٣
٤٦٢٠ شارع رقم ١٠
٣٦٠٢ حي الجزيرة
الرياض ١٤٢٦٢
المملكة العربية السعودية
www.rjc.sa - info@rjc.sa

Datasheet

Kubota Mini Excavator U50-5

Brand: Kubota Machinery



The **Kubota Mini Excavator U50-5** is a compact diesel excavator designed for efficient digging and material handling in confined job sites.

- **Operating Weight:** 4,890 kg
- **Engine Power:** 40.4 PS
- **Max Digging Depth:** 3.775 m / 4 m
- **Power Type:** Diesel

www.rjc.sa - info@rjc.sa

مؤسسة رمز ركاز الجودة للتجارة
Ramz Rikaz Al Joudah Trading Est.

C.R. No: 7055068394
VAT No: 312849650600003
4620 Street No. 10
3602 Al Jazirah Dist.
Riyadh 14262
Saudi Arabia

السجل التجاري: ٧٠٥٥٠٦٨٣٩٤
الرقم الضريبي: ٣١٢٨٤٩٦٥٠٦٠٠٠٠٣
٤٦٢٠ شارع رقم ١٠
٣٦٠٢ حي الجزيرة
الرياض ١٤٢٦٢
المملكة العربية السعودية

Kubota Mini Excavator U50-5

The **Kubota U50-5** is a compact excavator manufactured by **Kubota**, engineered for versatility and performance in tight spaces. Its compact dimensions and powerful diesel engine make it suitable for a wide range of construction, landscaping, and utility tasks.

Typical Applications

This mini excavator is ideal for projects that require maneuverability and precision in confined areas.

- Utility installation and repair
- Landscaping and site preparation
- Foundation and trenching work
- Demolition and material handling in restricted spaces

Key Operational Features

The U50-5 incorporates advanced features to enhance operator comfort, safety, and productivity.

- Newly designed interior and exterior for improved ergonomics
- Spacious cabin with enhanced visibility and reduced noise levels
- Load-sensing hydraulic system for smoother operation and fuel efficiency
- Two auxiliary hydraulic circuits (SP1 and SP2) as standard
- Auto-shift travel system for automatic speed adjustment

Equipment Inquiries

For more information about renting the Kubota U50-5, please contact our team.

www.rjc.sa - info@rjc.sa

مؤسسة رمز ركاز الجودة للتجارة
Ramz Rikaz Al Joudah Trading Est.

C.R. No: 7055068394
VAT No: 312849650600003
4620 Street No. 10
3602 Al Jazirah Dist.
Riyadh 14262
Saudi Arabia

السجل التجاري: ٧٠٥٥٠٦٨٣٩٤
الرقم الضريبي: ٣١٢٨٤٩٦٥٠٦٠٠٠٠٣
٤٦٢٠ شارع رقم ١٠
٣٦٠٢ حي الجزيرة
الرياض ١٤٢٦٢
المملكة العربية السعودية









مؤسسة رمز ركاز الجودة للتجارة
Ramz Rikaz Al Joudah Trading Est.
C.R. No: 7055068394
VAT No: 312849650600003
4620 Street No. 10
3602 Al Jazirah Dist.
Riyadh 14262
Saudi Arabia
السجل التجاري: ٧٠٥٥٠٦٨٣٩٤
الرقم الضريبي: ٣١٢٨٤٩٦٥٠٦٠٠٠٠٣
٤٦٢٠ شارع رقم ١٠
٣٦٠٢ حي الجزيرة
الرياض ١٤٢٦٢
المملكة العربية السعودية
www.rjc.sa - info@rjc.sa

Technical Specifications

Kubota Mini Excavator U50-5

Specification	Value
Manufacturer	Kubota
Country of Origin	Japan
Engine Power	40.4 PS
Operating Weight	4,890 kg
Operator ear noise level (LpA)	71 dB
Engine type	Kubota Original DI Engine with CRS and DPF Muffler
Emission compliance	Stage-V compliant
DPF regeneration	Automatic regeneration system
Auxiliary circuits	Two auxiliary circuits (SP1 and SP2)
Auxiliary circuit oil flow adjustment	Adjustable from digital panel
Blade float	Yes
Dozer blade hose design	Two-piece hose design
Hose replacement reduction	60% compared to one-piece hoses
Tool storage box	Located under cab door with grease gun holder
Side bonnet features	Air Cleaner, Control Valves, Battery, Radiator & Oil Cooler
Tie down points	Four tie down points on top frame
Travel alarm	Optional
LED work light turn-off delay	30 seconds to 2 minutes after engine stop
Arm and boom anti-drop valves	Standard (ISO8643)
Anti-theft system	Kubota original anti-theft system with programmed keys
LCD screen size	0.1778 m
LCD screen type	Full-color, high-resolution
Rear-view camera	Optional
Engine start safety system on the left console	Standard
Travel motor with disc brake	Standard
Swivel motor with disc brake	Standard
Overload warning buzzer	Standard
Kubota original anti-theft system	Standard
Anti-drop valve on the boom (ISO8643)	Standard
Anti-drop valve on the arm (ISO8643)	Standard

www.rjc.sa - info@rjc.sa

مؤسسة رمز ركاز الجودة للتجارة
Ramz Rikaz Al Joudah Trading Est.

C.R. No: 7055068394
VAT No: 312849650600003
4620 Street No. 10
3602 Al Jazirah Dist.
Riyadh 14262
Saudi Arabia

السجل التجاري: ٧٠٥٥٠٦٨٣٩٤
الرقم الضريبي: ٣١٢٨٤٩٦٥٠٦٠٠٠٠٣
٤٦٢٠ شارع رقم ١٠
٣٦٠٢ حي الجزيرة
الرياض ١٤٢٦٢
المملكة العربية السعودية

Specification	Value
Fixing points and harness for beacon light	Standard
Auxiliary hydraulic circuits (SP1 and SP2) piping to the arm end	Standard
2 LED working lights on cabin and 1 LED light on the boom	Standard
1820 mm arm	Standard
1635 mm arm	Standard
1450 mm arm	Standard
ROPS (Roll-over Protective Structure, ISO3471)	Standard
OPG (Operator Protective Guard) Level1	Standard
Double adjustable air suspension seat	Type L
Double adjustable full suspension seat	Type S
Retractable orange seatbelt with alert function	Standard
Hydraulic pilot control levers with wrist rests	Standard
Travel levers with foot pedals	Standard
Air conditioning	Type L
Cabin heater for defrosting and demisting	Standard
Emergency exit hammer	Standard
Front window power-assisted with gas damper	Standard
Power Source	Standard
2 speakers and radio aerial	Standard
Location for radio	Standard
Side/Rear mirrors (left, right and rear)	Standard
Cup holder	Standard
Double-element air filter	Standard
Engine electric fuel pump	Standard
Auto idling system	Standard
Tank electric refuelling pump	Type L
Water separator with filter	Standard
400 mm rubber track	Standard
4 double-flange track rollers on each track	Standard
5 double-flange track rollers on each track	Standard
2-speed travel switch on dozer lever	Standard
Two-speed travel with auto-shift	Standard
Dozer blade with float function	Standard

www.rjc.sa - info@rjc.sa

مؤسسة رمز ركاز الجودة للتجارة
Ramz Rikaz Al Joudah Trading Est.
C.R. No: 7055068394
VAT No: 312849650600003
4620 Street No. 10
3602 Al Jazirah Dist.
Riyadh 14262
Saudi Arabia
السجل التجاري: ٧٠٥٥٠٦٨٣٩٤
الرقم الضريبي: ٣١٢٨٤٩٦٥٠٦٠٠٠٠٣
٤٦٢٠ شارع رقم ١٠
٣٦٠٢ حي الجزيرة
الرياض ١٤٢٦٢
المملكة العربية السعودية

Specification	Value
Pressure accumulator	Standard
Hydraulic pressure checking ports	Standard
Straight travel circuit	Standard
Third line hydraulic return	Standard
Electronically controlled third line hydraulic return	Type L
Load-sensing hydraulic system	Standard
Adjustable maximum oil flow on auxiliary circuits (SP1 and SP2)	Standard
Auxiliary switch (SP1) on right control lever	Standard
Auxiliary switch (SP2) on left control lever	Type L
1570 mm arm	Type L
400 mm steel track (+ 100 kg)	Optional
550 mm steel track (+ 300 kg)	Optional
Anti-drop valve unit (dozer)	Optional
Special paint upon request	Optional
Sunshade roller blind on the upper glass	Optional / Type L
Air suspension seat	Standard for Type L
AUX SP1 / SP2	Optional / Standard
Arm Length	1450 mm
Overall Length	5440 / 5670 mm
Overall Width	2550 mm
Overall Height	1990 mm
Wheelbase	2500 mm
Ground Clearance	440 mm
Track Width	1820 mm
Turning Radius	R1010 / R1065 mm
Tail Swing Radius	810 mm
Max digging depth	3775 / 4000 mm
Max. Digging Reach	5705 / 5965 mm
Max dumping height	5355 / 5490 mm
Maximum vertical wall digging depth	3370 / 3630 mm
Maximum cutting height	5850 / 6105 mm
Maximum loading height	6020 / 6255 mm
Minimum front swing radius	2670 / 2885 mm

www.rjc.sa - info@rjc.sa

مؤسسة رمز ركاز الجودة للتجارة
Ramz Rikaz Al Joudah Trading Est.

C.R. No: 7055068394
VAT No: 312849650600003
4620 Street No. 10
3602 Al Jazirah Dist.
Riyadh 14262
Saudi Arabia

السجل التجاري: ٧٠٥٥٠٦٨٣٩٤
الرقم الضريبي: ٣١٢٨٤٩٦٥٠٦٠٠٠٠٣
٤٦٢٠ شارع رقم ١٠
٣٦٠٢ حي الجزيرة
الرياض ١٤٢٦٢
المملكة العربية السعودية

Specification	Value
Blade height	405 mm
Blade width	1960 mm
Lifting Height	615 mm
Blade drop depth	550 mm
Operating Weight	4965 kg
Bucket capacity, std. CECE	0.13 m³
Bucket width (without teeth)	550 mm
Manufacturer	KUBOTA
Emission standard	EU Stage V
Engine output (ISO 14396:2002)	40.4 kW (29.7 PS) / 2200 rpm
Engine output (ISO 9249 NET)	39.4 kW (29.0 PS) / 2200 rpm
Number of Cylinders	3
Bore × Stroke	87 × 102 mm
Displacement	1826 cc
Fuel	Diesel fuel conforming to EN 590 / HVO conforming to EN 15940
Slewing Speed	9.2 rpm
Rubber shoe width	400 mm
Tumbler distance	1990 mm
Dozer size (width × height)	1960 × 410 mm
Hydraulic pump P1, P2 type	Variable displacement pump
Hydraulic pump P1, P2 flow rate	118.8 L/min
Hydraulic pump P1, P2 pressure	24.5 MPa
Max. digging force (arm / bucket)	22.6 / 32.8 kN
Boom swing angle (left / right)	70 / 55 deg
Auxiliary circuit SP1 flow rate	65 L/min
Auxiliary circuit SP1 hydraulic pressure	20.6 MPa
Auxiliary circuit SP2 flow rate	37 L/min
Auxiliary circuit SP2 hydraulic pressure	20.6 MPa
Hydraulic reservoir (tank / full)	40 / 67 L
Fuel Tank Capacity	66 L
Max. travelling speed (low / high)	2.8 / 4.8 km/h
Ground contact pressure	28.0 kPa (0.286 kgf/cm²)
Noise level LpA / LwA (2000/14/EC)	71 / 96 dB(A)
Air conditioner refrigerant type	HFC-134a

www.rjc.sa - info@rjc.sa

مؤسسة رمز ركاز الجودة للتجارة
Ramz Rikaz Al Joudah Trading Est.

C.R. No: 7055068394
VAT No: 312849650600003
4620 Street No. 10
3602 Al Jazirah Dist.
Riyadh 14262
Saudi Arabia

السجل التجاري: ٧٠٥٥٠٦٨٣٩٤
الرقم الضريبي: ٣١٢٨٤٩٦٥٠٦٠٠٠٠٣
٤٦٢٠ شارع رقم ١٠
٣٦٠٢ حي الجزيرة
الرياض ١٤٢٦٢
المملكة العربية السعودية

Specification	Value
Air conditioner refrigerant quantity	0.7 kg
Air conditioner refrigerant CO2 equivalent	1.01 t
Air conditioner refrigerant GWP	1430