



Retractable tracks | AC cabin

Mini Excavator

VX 20 & VX 40

The ideal mini excavator for precision, power, and productivity in limited spaces.

Kubota

KUBOTA
ENGINE



BIGGER BUCKET
CAPACITY



FUEL
EFFICIENT



ZERO TAIL
SWING

MINI EXCAVATOR SPECIFICATIONS

SPECIFICATION	VX 20	VX 40
Operating performance	Zero Tail Swing	Zero Tail Swing
Operating weight	2000 kg	3810 kg
Bucket capacity	0.07 m ³	0.12 m ³
Bucket mass	50 kg	118 kg
Bucket no.of teeth	3 Nos	4 Nos
Max. arm digging force	11 KN	18 KN
Max. bucket digging force	18 KN	30 KN
Travel speed low	2.4 km/h	2.4 km/h
Travel speed high	3.6 km/h	4.4 km/h

ENGINE	VX 20	VX 40
Engine	D1105	D1703
HP/ RPM	19 hp @ 2200 RPM	24.40 hp @ 2200 RPM
kW/ RPM	14.2 kW @ 2200 RPM	18.2 kW @ 2200 RPM
Engine coolant	8 Litre	14 Litre
Engine oil	5.1 Litre	7 Litre
Diesel tank	17 Litre	42 Litre
Battery	12 V	12 V
Fuel	Diesel	Diesel
Travel reduction gear oil	1 Litre	1 Litre

HYDRAULIC	VX 20	VX 40
Hydraulic pump	Piston Pump	Piston Pump
Hydraulic pump flow	39.6 L/min + 8.8 L/min	88 L/min
Hydraulic pressure	21.5 Mpa	22.5 Mpa
Slew motor	Orbit Type	Slew reducer Type
Traction motor	Piston pump with reducer	
Hydraulic oil system capacity	17 Litre	20.5 Litre
Hydraulic oil tank capacity	18 Litre	40 Litre

MACHINE	VX 20	VX 40
Machine overall length	3555 mm	4915 mm
Overall width	990/1300 mm	1755 mm
Overall height	2350 mm	2525 mm
Tumbler length	1230 mm	1670 mm
Minimum ground clearance	175 mm	305 mm
Tail swing radius	650 mm	860 mm
Track shoe	230 mm	350 mm
Overall width crawler	990 mm	1755 mm
Arm length	950 mm	1400 mm
Boom length	1850 mm	2535 mm
Left side	62°	50°
Right side	56°	65°
Max digging depth	2400 mm	3208 mm
Max. height of cutting edge	3655 mm	4540 mm
Max. dumping height	2420 mm	3280 mm
Max. vertical digging depth	2025 mm	2957 mm
Max. digging radius	4040 mm	5480 mm
Max. digging height	3655 mm	4540 mm
Track length	1610 mm	2125 mm
Dozer blade	Hydraulic lifting type	
Blade width	990~1300mm	1720 mm
Blade height	240 mm	350 mm
Blade cutting angle	40°	44°
Max dozer blade lifting dist.	305 mm	365 mm
Max dozer blade cutting dist.	270 mm	385 mm



www.vhmindustries.com



info@vhmindustries.com