

INTRODUCING

THE NEW

JCB 35 | z HD

MINI EXCAVATOR

NOTHING MINI ABOUT IT



Heavy-duty
structures



Easy
manoeuvrability



Superior fuel
efficiency



Easy to use,
comfortable to
operate



Ease of
maintenance

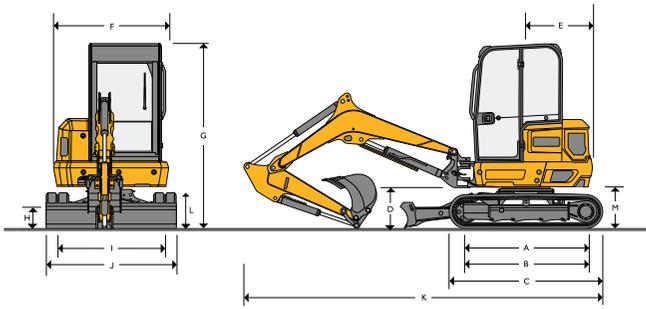
The JCB 35Z HD with its zero tail swing design and compact size is the latest addition to JCB's new generation mini excavators and is the ideal choice to work in confined areas and job sites with restricted access while delivering a power-packed performance.



To know more
scan here.

Operating Weight: 3790 Kg | Net Engine Power: 18.9 kW

SPECIFICATION: 35Z HD MINI EXCAVATOR

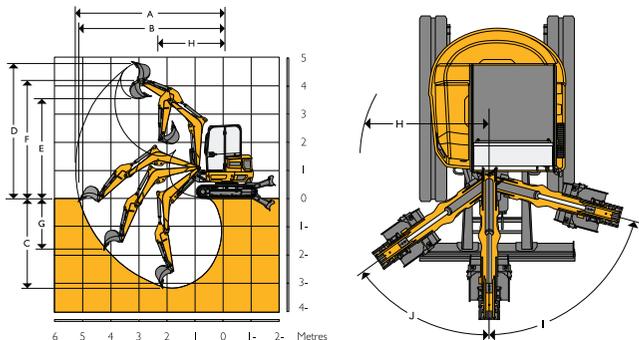


MACHINE

Model		35Z HD
A	Sprocket idler centres	m 1.59
B	Track length on ground	m 1.59
C	Undercarriage overall length – rubber	m 2.05
	Undercarriage overall length – steel	m 2.05
D	Kingpost clearance	mm 555
E	Tailswing radius	mm 900
F	Overall width of superstructure	m 1.55
G	Height over cab	m 2.48
H	Ground clearance	mm 275
I	Track gauge	m 1.4
J	Width over tracks	m 1.75
K	Transport length with standard dipper	m 4.85
L	Track height	mm 480
M	Counterweight clearance	mm 563

*Canopy is standard. Optional cabin available.

WORKING RANGE



Model		35Z HD
	Dipper length	m 1.30
	Boom length	m 2.45
A	Max digging reach	m 5.17
B	Max digging reach on ground	m 5.04
C	Max digging depth – dozer up	m 3.04
	Max digging depth–dozer down	m 3.19
D	Max digging height	m 4.57
E	Max dump height	m 3.38
F	Max height to dipper nose pivot pin	m 3.98
G	Max vertical wallcut depth	m 1.61
H	Min front swing radius (no offset)	m 2.4
	Min front swing radius (fully offset)	m 1.89
I	Boom swing left	degrees 75
J	Boom swing right	degrees 55
	Bucket rotation	degrees 191
	Dipper rotation	degrees 109.2
	Bucket tearout	kN 32.4
	Dipper tearout	kN 22.5
	Slew speed	rpm 8.3

ENGINE

Machine model	35Z HD
Model	EU Stage V / EPA Tier 4 Final Perkins 403J-17
Fuel	Diesel

HYDRAULIC SYSTEM

Model		35Z HD
Pump	cc	38
Nominal output @ 2000rpm	LMP	76
Excavator/track main relief pressure	bar	250
Slew main relief pressure	bar	216
Auxiliary hydraulic pressure (High)	bar	STD: 190 ADJ: 120-250
Auxiliary hydraulic flow (High)	LMP	70
Hydraulic pump		Variable Displacement Piston

WEIGHT

Model		35Z HD
Operating weight*	kg	3790
Cabin	kg	81
Heavy counter weight	kg	246
1600 mm dipper	kg	15

*35Z HD Operating weight to ISO 6016 including, steel tracks, 1300 mm dipper, standard counterweight, 2-way dozer, High Flow Aux circuit, lifting kit inc. HBCVs, hydraulic quick hitch, 450mm bucket, full tanks and a 75kg operator.

UNDERCARRIAGE

Model		35Z HD
No of top rollers		1
No of bottom rollers		4
Track width steel	mm	300
Ground bearing pressure (300mm tracks)	N/cm ²	0.316
Track tensioning		Grease
Travel speed – low	km/h	2.8
Travel speed – high	km/h	4.5
Tractive effort	kN	25.6

SERVICE CAPACITIES

Model		35Z HD
Fuel tank	L	50
Engine coolant	L	7
Engine oil	L	6.2
Hydraulic system	L	47.5
Hydraulic tank	L	28

DOZER

Model		35Z HD
Dozer type		2-way
Dozer length	m	1.65
Max height above ground	mm	436
Dig depth below ground	mm	416
Approach angle	degrees	29
Width	m	1.75
Height	mm	357

EXCEEDING EXPECTATIONS EVERYWHERE

5000+
Trained service engineers

3000+
Mobile service engineers

18 Operator training centres

60+
Dealers

700+
Outlets

5
Parts warehouses

250+
Service vans

24x7 Support
12 Languages

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