

Manufacturer	JCB
Machine	Mini-Excavator
Model	8030 ZTS

WEIGHT		Unit
Operating Weight with canopy	3,117	kg
Operating Weight with cab	3,217	kg

ENGINE		Unit
Engine make		
Net power	20 / 26.8	kW/hp
Gross power	20.9 / 28	kW/hp
Rated speed	2,200	rpm
Number of cylinders		
Bore		mm
Stroke		mm
Displacement	1,496	cc

UNDERCARRIAGE		Unit
Steel track shoes	Option	
Rubber tracks	Yes	
No. of top rollers slides	1	
No. of bottom rollers	4	
Standard track shoe width	300	mm

HYDRAULICS		Unit
No. of hydraulic pumps	2+1	
Hydraulic pump flow	102	ltr/min
Boom pressure	245	bar
Slew pressure	190	bar

DIMENSIONS		Unit
Length with dipper 1 - folded	4,287 (v)	mm
Length with dipper 2 - folded		mm
Length with dipper 3 - folded		mm
Length with extending dipper - folded		mm
Superstructure width	1,650	mm
Width over tracks	1,652	mm
Height to canopy [cab top]	(2,470)	mm
Ground clearance	300	mm
Tailswing	800	mm
Tailswing within track width	Yes	
Track length on ground	1,597	mm
Undercarriage length	2,052	mm
Boom swing to left / to right	45 / 60	
Offset digging distance left / right		mm
Dozer blade height	335	Mm
Dozer cut below ground level	335 / 622	mm

LIFT CAPACITY (BLADE DOWN)		Unit
FRONT TO REAR		
Ground level reach / lift (no bucket)	3.0 / 1157* (w)	m/kg
FULL CIRCLE		
Ground level reach / lift (no bucket)	3.0 / 454 (w)	m/kg

(v) - dipper vertical
(w) - no bucket fitted
(x) - with quickhitch
* - hydraulically limited
(Round brackets indicate an option)



CAPACITIES		Unit
Fuel tank capacity	40	ltr
Hydraulic tank	45	ltr
Hydraulic system	70	ltr

PERFORMANCE (BLADE UP)		Unit
Max. bucket breakout force	28	kN
Travel speed	2.4 / 4.3	km/h
Slew speed	9.6	rpm

WORKING RANGES (BLADE UP)		Unit
Dig depth with dipper 1	2,794	mm
Dig depth with dipper 2		mm
Dig depth with dipper 3		mm
Dig depth with ext dipper		mm
Max vertical wall - dipper 1	1,741	mm
Max vertical wall - dipper 2		mm
Max vertical wall - dipper 3		mm
Max vertical wall - ext dipper		mm
Max reach at ground level - dipper 1	4,901	mm
Max reach at ground level - dipper 2		mm
Max reach at ground level - dipper 3		mm
Max reach at ground level - ext dipper		mm
Max dig height - dipper 1	4,453	mm
Max dig height - dipper 2		mm
Max dig height - dipper 3		mm
Max dig height - ext dipper		mm
Max dump height - dipper 1	3,205	mm
Max dump height - dipper 2		mm
Max dump height - dipper 3		mm
Max dump height - ext dipper		mm
Min slew radius straight - dipper 1	2,150	mm
Min slew radius straight - dipper 2		mm
Min slew radius straight - dipper 3		mm
Min slew radius straight - ext dipper		mm
Min. slew radius offset	2,010	mm