

Manufacturer	JCB
Machine	Mini-Excavator
Model	8080 ZTS

WEIGHT		Unit
Operating Weight with canopy		kg
Operating Weight with cab	8,250	kg

ENGINE		Unit
Engine make		
Net power	43 / 57.7	kW/hp
Gross power		kW/hp
Rated speed	2,200	rpm
Number of cylinders	4	
Bore		mm
Stroke		mm
Displacement	2,180	cc

UNDERCARRIAGE		Unit
Steel track shoes	Yes	
Rubber tracks		
No. of top rollers slides	1	
No. of bottom rollers	5	
Standard track shoe width	450	mm

HYDRAULICS		Unit
No. of hydraulic pumps	1	
Hydraulic pump flow	170	ltr/min
Boom pressure	300	bar
Slew pressure	226	bar

DIMENSIONS		Unit
Length with dipper 1 - folded	6,060	mm
Length with dipper 2 - folded		mm
Length with dipper 3 - folded		mm
Length with extending dipper - folded		mm
Superstructure width	2,135	mm
Width over tracks	2,300	mm
Height to canopy [cab top]	(2,709)	mm
Ground clearance	363	mm
Tailswing	1,160	mm
Tailswing within track width	Yes	
Track length on ground	2,200	mm
Undercarriage length	2,830	mm
Boom swing to left / to right		
Offset digging distance left / right		mm
Dozer blade height	514	Mm
Dozer cut below ground level	403	mm

LIFT CAPACITY (BLADE DOWN)		Unit
FRONT TO REAR		
Ground level reach / lift (no bucket)	3.0 / 4,396* (a)	m/kg
FULL CIRCLE		
Ground level reach / lift (no bucket)	3.0 / 1,823 (a)	m/kg

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



CAPACITIES		Unit
Fuel tank capacity	103	ltr
Hydraulic tank	56.5	ltr
Hydraulic system	105	ltr

PERFORMANCE (BLADE UP)		Unit
Max. bucket breakout force	50	kN
Travel speed	3.6 / 4.6	km/h
Slew speed	9.5	rpm

WORKING RANGES (BLADE UP)		Unit
Dig depth with dipper 1		mm
Dig depth with dipper 2	4,214	mm
Dig depth with dipper 3		mm
Dig depth with ext dipper		mm
Max vertical wall - dipper 1		mm
Max vertical wall - dipper 2	2,752	mm
Max vertical wall - dipper 3		mm
Max vertical wall - ext dipper		mm
Max reach at ground level - dipper 1		mm
Max reach at ground level - dipper 2	6,677	mm
Max reach at ground level - dipper 3		mm
Max reach at ground level - ext dipper		mm
Max dig height - dipper 1		mm
Max dig height - dipper 2	6,436	mm
Max dig height - dipper 3		mm
Max dig height - ext dipper		mm
Max dump height - dipper 1		mm
Max dump height - dipper 2	4,703	mm
Max dump height - dipper 3		mm
Max dump height - ext dipper		mm
Min slew radius straight - dipper 1		mm
Min slew radius straight - dipper 2	2,862	mm
Min slew radius straight - dipper 3		mm
Min slew radius straight - ext dipper		mm
Min. slew radius offset		mm