

 **NEW HOLLAND**

# E200SR

NEW HOLLAND KOBELCO



NET FLYWHEEL POWER 92 kW - 125 hp

MAXIMUM OPERATING WEIGHT 21 000 kg

BUCKET CAPACITY 0.51 - 0.80 m<sup>3</sup>

 **NEW HOLLAND**

PROVEN PERFORMANCE

# SPECIFICATIONS

# E200SR\*



## ENGINE TIER-2

Net flywheel power (ISO 14396) .....92 kW/125 hp  
 Rated rpm .....2200  
 Make and model.....ISUZU - 4BG1TXBFA  
 Type .....diesel 4-stroke, direct injection  
 Aspiration.....turbo, intercooler  
 Number of cylinders .....4  
 Displacement .....4329 cm<sup>3</sup>  
 Bore x Stroke.....105 x 125 mm

### Electronic engine rpm control dial type

**Auto-idling selector** returns engine to minimum rpm when all controls are in neutral position.



## ELECTRICAL SYSTEM

Voltage .....24 V  
 Alternator .....30 A  
 Starter motor .....3.2 kW  
 Standard maintenance-free batteries .....2  
 Capacity .....136 Ah



## HYDRAULIC SYSTEM

**S.H.S. (Smart Hydraulic System)** and **computerised hydraulic pump delivery** for perfect controllability and simultaneity of all movements.

**Operating mode selector:** **H** - heavy duty  
**S** - standard  
**FC** - precision jobs

### “Power boost” device

Main pumps:  
 Two variable delivery axial piston pumps  
 Pumps automatically revert to zero delivery with controls in neutral  
 Maximum delivery.....2 x 176 l/min  
 Pilot circuit gear type pump  
 Maximum delivery .....20 l/min

### Maximum operating pressure:

Tooling.....350 bar  
 Superstructure swivel .....285 bar  
 Travel.....350 bar  
 power boost.....385 bar  
 Pilot circuit.....50 bar

Hydraulic cylinders	Number	Bore	Stroke
Lift	2	115 mm	1200 mm
Penetration	1	125 mm	1290 mm
Bucket	1	105 mm	1055 mm



## TRANSMISSION

Type.....hydrostatic, two-speed  
 Travel motors.....2, axial piston type, double displacement  
 Brakes.....automatic discs type

Final drives .....oil bath, planetary reduction  
 Gradeability (continuous).....70% (35°)  
 Travel speeds

Low.....from 0 to 3.5 km/h  
 High .....from 0 to 5.0 km/h

Traction force .....13000 daN

**Automatic DownShift device:** to move travel motors to maximum displacement position with selector on speed when greater traction is required.



## SWING

Swing motor.....axial piston type  
 Swing brake .....automatic discs type  
 Final drive .....oil bath, planetary reduction  
 Swing Ring .....oil bath type  
 Swing Speed.....11.0 rpm



## CAB AND CONTROLS

Transparent upper cab roof.  
 Automatic conditioning.  
 Controls .....piloted  
 Two cross path pattern levers actuate all equipment movements and superstructure swing  
 Two pedals with detachable “hand” levers control all track movements, counter-rotation included.  
 A safety lever completely neutralizes the piloting circuit.



## UNDERCARRIAGE

Reinforced track chain with sealed bushings  
 Rollers:.....**STD**      **LC**  
 Track rollers (each side).....7      8  
 Carrier rollers (each side).....2      2  
 Length of track on ground.....2200 mm      2390 mm  
 Gauge.....3370 mm      3660 mm  
 Shoes .....600 - 700 - 800 mm

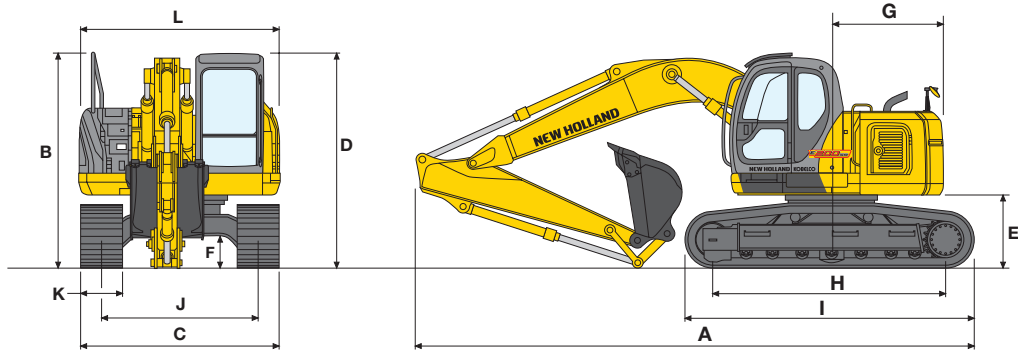


## CAPACITIES

Engine ..... litres  
 Lube oil .....13.0  
 Coolant .....18.5  
 Fuel tank .....270.0  
 Hydraulic reservoir .....167.0  
 Swing reduction.....7.5  
 Travel reduction (each).....5.5

# ONE-PIECE BOOM

## DIMENSIONS (mm) - OPERATING WEIGHT



Versions	A*	B	C	D	E	F	G	H	I	J	L
E200SR	8190	3060	2800	3060	1030	450	1610	3370	4170	2200	2800
E200SR - LC	8050	3060	2990	3060	1030	450	1610	3660	4450	2390	2800

(\*) 2600 mm dipperstick

		E200SR			E200SR - LC		
K - Shoe width	mm	600	700	800	600	700	800
C - maximum width	mm	2800	2900	3000	2990	3090	3190
Operating weight	kg	19900	20200	20400	20400	20700	21000
Ground pressure	bar	0.45	0.40	0.35	0.43	0.37	0.33

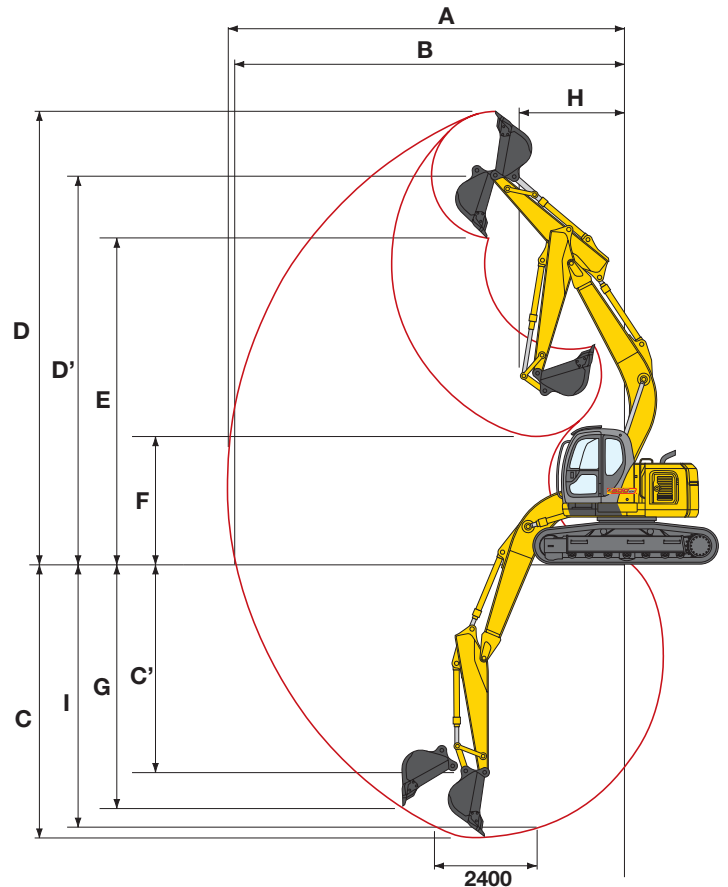
## DIGGING PERFORMANCE

DIPPERSTICK	mm	2600	3000
A	mm	9000	9380
B	mm	8800	9190
C	mm	6150	6550
C'	mm	4710	5110
D	mm	10230	10530
D'	mm	8790	9090
E	mm	7360	7660
F	mm	2880	2570
G	mm	5400	5800
H	mm	2380	2730
I	mm	5930	6360

BREAKOUT FORCE:			
BUCKET	daN	11300	11300
DIPPERSTICK	daN	8100	7500

"POWER BOOST" ON			
BUCKET	daN	12400	12400
DIPPERSTICK	daN	8900	8300

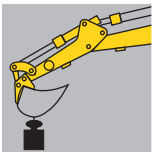
BUCKETS	
SAE Capacity (m³)	Width (mm)
0.51	750
0.70	850
0.80	1000



# E200SR

## LIFTING CAPACITY

### 2600 mm DIPPERSTICK



REACH									
1.5 m		3.0 m		4.5 m		6.0 m		7.5 m	
FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE

### E200SR ONE-PIECE BOOM

HEIGHT	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m	
+6.0 m					2590 *	2590 *	2740 *	2740 *		
+4.5 m					3340 *	3340 *	3250 *	3250 *		
+3.0 m			6900 *	6900 *	4660 *	4660 *	3850 *	3350 *	2210 *	2210 *
+1.5 m			9310 *	9310 *	6090 *	4960 *	4550 *	3170	2800 *	2180
0			8660 *	8660 *	7070 *	4690	5110 *	3020 *	2070 *	2070 *
-1.5 m	6530 *	6530 *	11460 *	8990	7410 *	4600	5220	2970		
-3.0 m	9860 *	9860 *	10580 *	9150	7020 *	4660				
-4.5 m	14290 *	14290 *	8200 *	8200 *						

### E200SR-LC ONE-PIECE BOOM

HEIGHT	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m	
+6.0 m					2590 *	2590 *	2740 *	2740 *		
+4.5 m					3340 *	3340 *	3250 *	3250 *		
+3.0 m			6900 *	6900 *	4660 *	4660 *	3850 *	3830	2210 *	2210 *
+1.5 m			9310 *	9310 *	6090 *	5710	4550 *	3640	2800 *	2530
0			8660 *	8660 *	7070 *	5440	5110 *	3500	2070 *	2070 *
-1.5 m	6530 *	6530 *	11460 *	10620	7410 *	5340	5330 *	3440		
-3.0 m	9860 *	9860 *	10580 *	10580 *	7020 *	5400				
-4.5 m	14290 *	14290 *	8200 *	8200 *						

Data in kilos

Values to **ISO 10567** with 0.30 m<sup>3</sup> bucket and 600 mm steel shoes and below 75% tiltability and 87% hydraulic power. Data with an asterisk (\*) are limited by hydraulic capacity.

AT YOUR OWN DEALERSHIP

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