

E55_{BSR}

TIER 4i
INSIDE



SPEC SHEET

- ▶ HEAVY EXCAVATOR TECHNOLOGY IN AN ULTRA COMPACT MACHINE
- ▶ SMART HYDRAULIC SYSTEM: EASY SIMULTANEOUS MOVEMENTS
- ▶ MORE PRECISION AT WORK WITH STANDARD PROPORTIONAL CONTROL
- ▶ LONG SERVICE LIFE: HIGH RELIABILITY AND DURABILITY



BUILT AROUND YOU

SPECIFICATIONS AND DIMENSIONS



ENGINE

Displacement..... 2189 cm³
 Power..... 43 hp
 Max torque..... 139.3 Nm
 Emissions level..... Tier IV interim



HYDRAULIC SYSTEM

Variable displacement pumps type..... axial piston
 Flow delivery..... 2 x 57.1 l/min
 Gear pump delivery..... 33.8 l/min
 Maximum operating pressure..... 230 bar



SLEWING AND TRAVEL SPEED

Slewing speed..... 8.8 rpm
 Boom slewing angle (left/right)..... 70° / 60°
 Travel Speed - Low (1st)..... 2.8 km/h
 Travel Speed - High (2nd)..... 4.6 km/h



I - Track width	mm	400
J - Undercarriage length	mm	2910
K - Track length on ground	mm	2480
M - Center distance of tumblers	mm	1970
N - Blade radius on ground	mm	1690
X - Blade max lifting	mm	495
Y - Blade max lowering	mm	375
B - Blade width	mm	1960
E - Blade height	mm	345

DIGGING PERFORMANCE

Dipperstick	mm	1870
Bucket thickness	mm	700
G - Max digging depth	mm	3900
Bucket Breakout force	kN	35.3
Dipperstick Breakout force	kN	23.6
A - Min front slew radius	mm	2.580
C - Max reach	mm	6190
D - Max dump height	mm	3840
F - Max digging height	mm	5380

OPERATING WEIGHT

(includes operator, full fuel tank and one bucket)

Cab	tonnes	5.30
-----	--------	------

TRANSPORT FEATURE

(weight is with full fuel tank, without operator, without bucket)

Weight	t	5.11
B - Max width	mm	1960
L - Max length	mm	5370
H - Max height	mm	2600



HIGH LIFTING CAPACITY

Front and side lifting capacity at 2 and 3 meters from swing center.

Lifting capacity in tonnes	2.0 m		3.0 m	
	FRONT	SIDE	FRONT	SIDE
DEPTH LEVEL				
1 m above ground	1.8	1.8	1.8	1.8
Ground level	1.9	1.9	2.3	1.1
1 m below ground	2.9	2.2	2.4	1.1
2 m below ground	3.7	2.2	2.1	1.1

NOTE: the dimensions, weights and capacities shown herein, as well as any conversion data used, are approximate only and are subject to variations within normal manufacturing techniques

AT YOUR OWN DEALERSHIP

The information contained in this brochure is intended to be of general nature only. The NEW HOLLAND CONSTRUCTION MACHINERY S.p.A. company may at any time and from time to time, for technical or other necessary reasons, modify any of the details or specifications of the product described in this brochure. Illustrations do not necessarily show products in standard conditions. The dimensions, weights and capacities shown herein, as well as any conversion data used, are approximate only and are subject to variations within normal manufacturing techniques.

Published by NEW HOLLAND CONSTRUCTION MACHINERY S.p.A
 Printed in Italy - MediaCross Firenze - Cod 30660GB - Printed 05/13

Printed on recycled paper
 CoC-FSC 000010 CQ Mixed sources



www.newholland.com

