

# Specifications

DIMENSIONS AND WORKING							
DIMENSIONS	E10SR	E18SR	E27B	E30B	E35B	E50B	E55Bx
<b>ARM LENGTH mm</b>	925	980	1120	1180	1320	1560	1660
A. Overall length mm	2880	3420	4130	4470	4710	5230	5420
B. Overall width (collapsed) mm	750	990	1500	1550	1700	1960	1960
C. Overall width (expanded) mm	980	1320	-	-	-	-	-
D. Overall height (cab/canopy)* mm	2190	2410	2500	2570	2570	2600	2550
E. Base machine length mm	1540	1890	2410	2630	2680	2910	2910
F. Ground clearance of rear end* mm	390	445	520	570	570	635	625
G. Center distance of tumblers mm	1010	1210	1590	1700	1700	1970	1990
H. Overall length of crawler mm	1340	1560	1980	2150	2150	2480	2480
I. Track gauge (collapsed) mm	570	750	1250	1250	1400	1560	1560
J. Track gauge (expanded) mm	800	1090	-	-	-	-	-
K. Width of crawler shoe (rubber) mm	180	230	250	300	300	400	400
L. Ground clearance of undercarriage* mm	150	175	250	330	330	345	350
M. Tail Swing radius mm	750	660	750	775	850	980	1180
Tail Swing overhang (not shown) mm	260	0	0	0	0	0	196
WORKING RANGES (with arm as above)							
N. Maximum digging reach mm	3300	3890	4640	4930	5240	5890	6220
O. Maximum digging reach at ground level mm	3210	3790	4510	4780	5110	5750	6070
P. Maximum digging depth* mm	1750	2150	2540	2810	3080	3590	3910
Q. Maximum digging height* mm	3160	3680	4470	4430	4660	5670	5760
R. Maximum dumping clearance* mm	2320	2650	3170	3050	3290	4090	4200
S. Minimum dumping clearance* mm	740	1000	1250	1220	1270	1510	1510
T. Maximum vertical wall digging depth* mm	1460	1660	2320	2160	2390	2810	3030
U. Minimum front swing radius mm	1390	1560	1830	2280	2340	2150	2430
V. Height at minimum front swing radius mm	2240	2750	3310	3400	3620	4290	4380
W. Horizontal digging stroke at ground level mm	1520	1700	1990	2110	2370	2760	3060
X. Horizontal digging min at ground level mm	1060	1240	1510	1670	1670	1780	1790
Z.	Swing centre reference point						

\*Excludes height of grouser bar

# E10SR Specifications

GENERAL	
Operating weights kg	
2 post ROPS rubber track	1140
Bucket capacity range cu m	0.014 – 0.022
Arm length mm	925
ENGINE	
Model	2TNV70-WYB
Type	2 cylinder 4 stroke diesel, Tier 4
Power output @ RPM kW (HP)	6.1 (8.1) @ 2000 (net ISO 14396)
Displacement l	0.57
Fuel tank capacity l	15
Electrical system voltage	12
HYDRAULIC SYSTEM	
Pumps number & type	2 x variable displacement piston pumps, 1 x gear pump
Pump outputs l/min	2 x 11, 1 x 6
Total max output l/min	28
Main relief pressure bar (PSI)	206 (2990)
Hydraulic system capacity l	15 (System)
Hydraulic reservoir capacity l	9.8 (Tank)
BREAKOUT FORCES	
Arm breakout as per ISO kN	6.2
Bucket breakout as per ISO kN	10.8
UNDERCARRIAGE	
Travel speeds km/h	2.0 low range, 3.7 high range
Crawler shoe width mm	180
Ground pressure kPa (PSI)	27.0 (3.9)
Gradeability degrees (%)	30 (58%)
DOZER BLADE	
Width retracted/extended x height mm	750 / 980 x 200
Blade movement up/down mm	190 / 240
SWING	
Swing speed rpm	9.0

BASE AND OPTIONAL EQUIPMENT
<b>BASE EQUIPMENT</b>
<ul style="list-style-type: none"> <li>• 2TNV70-WYB 2 cylinder 4 stroke diesel 6kW</li> <li>• Glow plug starting aid</li> <li>• Variable displacement load sensing hydraulic pumps</li> <li>• Gear pump for pilot oil</li> <li>• 2 speed travel</li> <li>• Travel control by hand levers and foot pedals</li> <li>• Hydraulically expanding undercarriage</li> <li>• Hydrostatic drive system with 2 high torque axial piston motors</li> <li>• Hydraulic track adjuster (grease filled) with recoil spring</li> <li>• 12 volt electrical system with 20 amp alternator</li> <li>• Dry type paper element air cleaner</li> <li>• Low effort two lever pilot controls for boom, arm, bucket and swing. Foot pedals for boom swing and auxiliary hydraulics. Pilot operated hand control lever for blade.</li> <li>• ISO hydraulic control pattern</li> <li>• Auxiliary hydraulic service down arm with hydraulic taps, ends plugged</li> <li>• Selector valve to provide single direction low pressure return, or dual acting circuit</li> <li>• 2 post folding ROPS/TOPS</li> <li>• Seat belt</li> <li>• Adjustable seat with arm rests</li> <li>• Turret transport swing lock</li> <li>• Travel alarm</li> <li>• Horn</li> <li>• Boom mounted work lamp</li> <li>• Side mounted instrumentation package</li> <li>• Hydraulic dozer blade</li> </ul>

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