Technical sheet:

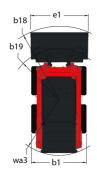
## **1640R**





Related Equations (States Care States Care		<b>1640R</b> Greated on May 19, 2024 at 3.39.49 PM		
Unidade metaplet   2792 kg   Tipping capacity   1466 kg   1476 k	Capacities	Metric		
1496 kg   1496	Rated Operating Capacity	748 kg		
Workshill and dimensations	Unladen weight	2792 kg		
Workshill and dimensations	Tipping capacity	1496 kg		
OwenII pelanty Hally Based         b27         3376 mm           Heighton tringe Ph - Fally Based         b28         3022 mm           OwenII Height to no of ROPS         h17         1944 mm           Dump angle of full height         a5         38 *           Dump angle of full height         h29         2376 mm           Overall Height with bucket         l15         3101 mm           Dump reach **Life Height         n6         579 mm           Bellback at ground         a13         28 *           Bellback at ground height         h50         99 mm           Bellback at ground height         h50         99 mm           Wheelbase         y         988 mm           Owerall wide hes bucket         b1         1522 mm           Bucket Width         e1         1526 mm           Gound clearance         m4         160 mm           Owerall width less bucket         b1         1522 mm           Bucket Width         e1         1526 mm           Gound clearance         m4         160 mm           Overall length *-Less Bucket         b1         1520 mm           Decisione Reduct         b1         152 mm           Decisione Reduct         b1         153 mm				
Height to Hinge Flar   Fully Baised   h28   3023 mm   1004 mm	<del>-</del>	h27 3876 mm		
Ownall Height to opo af ROPS         h17         1448 mm           Dump angle at full helight         a5         38 *           Dump height         h29         2279 mm           Ownall lengh with bucket         l16         3101 mm           Dump reach - Full height         f6         579 mm           Rollback at aground         a13         28 *           Rollback at aground height         h50         930 mm           Michelbase         h50         930 mm           Ownall wide lies bucket         h50         930 mm           Ownall wide lies bucket         h51         1352 mm           Ownall wide lies bucket         h51         1352 mm           Ownall wide lies bucket         h51         1552 mm           Ownall wide lies bucket         h2         2 2 2*           Ownall wide lies bucket         h51         1592 mm           Oberative angle         h2         2 2*           Clearance Radius - Front with Bucket         h58         1696 mm           Clearance Radius - Front with Bucket         h58         1696 mm           Clearance Cicle - Rear         w11         1466 mm           Performance         w1         100 km/h           Wheel         w1				
Dump anjel at full height         5         38 °           Dump height         h29         2379 mm           Overall length with bucket         116         3101 mm           Outpin length with bucket         16         579 mm           Oliblack As a ground         a13         28 °           Rollback Angle at Full Height         44         99 °           Sea to ground helight         h30         950 mm           Wheelbase         y         988 mm           Overall with fless bucket         b1         1582 mm           Bucket Wildh         e1         1582 mm           Ground clearance         m4         160 mm           Ground alleght - Less Bucket         12         2390 mm           Departure angle         42         21 °           Clearance Circle - Front with Bucket         b18         1890 mm           Clearance Circle - Front with Bucket         b19         1130 mm           Clearance Circle - Front with Bucket         b19         1130 mm           Clearance Circle - Front with Bucket         b19         1130 mm           Clearance Circle - Front with Bucket         b19         1130 mm           Clearance Circle - Front with Bucket         b1         11466 mm	• •			
Dump seight				
Ovental reaght with bucket         116         310 mm           Dump reach - Full helight         6         579 mm           Rollback A ground         a13         28 °           Rollback Ange at Full Helight         84         99 °           Seate t ground helight         93         988 mm           Wheelbase         y         988 mm           Overall Width Less bucket         b1         1582 mm           Bucket Width         e1         1562 mm           Gound clearance         m4         100 mm           Gound clearance         m4         100 mm           Gound clearance         12         2399 mm           Departure angle         12         2399 mm           Clearance Rollage - Front with Bucket         18         1869 mm           Clearance Circle - Front without Bucket         b19         1120 mm           Clearance Circle - Fear         wa1         1466 mm           Profromances         wa1         1466 mm           Tarvel speed (unidate)         12.60 km/h           Weeks         1         12.60 km/h           Standard tiese         10 X16.5-10 PR HD           Engline         1174         174           Gross Power         51.20				
Dump neach - Full height         a13         22 ° 1           Rollback at ground         a13         22 ° 1           Rollback at ground         a4         99 ° 1           Seat to ground height         h30         930 mm           Wheelbase         y         988 mm           Overall width less bucket         b1         1582 mm           Outceld Width         e1         1582 mm           Outcell Width         e1         1582 mm           Owerall leight - Less Bucket         12         2399 mm           Overall leight - Less Bucket         b18         1889 mm           Overall leight - Less Bucket         b18         1889 mm           Overall leight - Less Bucket         b19         1130 mm           Clearance Cictie - Front with Bucket         b19         1130 mm           Clearance Cictie - Front without bucket         b19         1130 mm           Clearance Cictie - Front without bucket         b19         1130 mm           Clearance Cictie - Front without bucket         b19         1130 mm           Clearance Cictie - Front without bucket         b19         1130 mm           Clearance Cictie - Front without bucket         b19         120 km           Clearance Cictie - Front without bucket         1				
Rollback Approach         a13         28 *           Rollback Apple at Full Height         a4         99 *           Seat to gound height         h30         930 mm           Wheelbase         y         988 mm           Owerall width less bucket         b1         1552 mm           Bucket Width         e1         1552 mm           Ground clearance         m4         160 mm           Overall einight - Less Bucket         12         2390 mm           Departure angle         a2         21 *           Clearance Clicide - Front with Bucket         b16         1869 mm           Clearance Clicide - Front with Bucket         b19         1130 mm           Clearance Clicide - Front without Bucket         b19         1130 mm           Clearance Clicide - Front without Bucket         b19         130 mm           Clearance Clicide - Front without Bucket         b19         130 mm           Clearance Clicide - Front without Bucket         b19         130 mm           Clearance Clicide - Front without Bucket         b19         130 mm           Clearance Clicide - Front without Bucket         b19         130 mm           Clearance Clicide - Front without Bucket         b152 Mm/h         14 Mm/h           Standard Bucket	•			
Rollback Angle at Full Height         a4         99°           Sear to ground height         150         930 mm           Wheelbase         y         988 mm           Owardl widh less bucket         b1         1582 mm           Bucket Width         e1         1552 mm           Ground clearance         m4         160 mm           Owardl leight - Less Bucket         12         2930 mm           Oberature angle         2         2 1°           Clearance Radius - Front with Bucket         b18         1889 mm           Clearance Radius - Front without Bucket         b19         1130 mm           Clearance Clicle - Fear Front without Bucket         b19         1130 mm           Clearance Clicle - Fear (maker)         wa1         1466 mm           Februarie         wa1         1466 mm           Performances         1         12.60 km/h           Standard Sies         1         15.00 km/h           Brough En bund         7         17.00 km/h           Engine bund         7         17.00 km/h           Engine bund         7         17.00 km/h           Net Power         21 km/k         21 km/k           Net Power         21 km/k         21 km/k				
Seal to ground height         h30         930 mm           Wheelbase         y         988 mm           Overall width less bucket         b1         1582 mm           Bücket Width         e1         1552 mm           Ground clearance         m4         160 mm           Overall leight - Less Bucket         12         2390 mm           Departure angle         a2         21*         12           Clearance Clotile - Front with Bucket         b18         1869 mm           Clearance Clotile - Fear         wa1         1466 mm           Proformance         wa1         1466 mm           Proformance Clotile - Rear         wa1         1466 mm           Proformance Clotile - Rear         wa1         1466 mm           Proformance Strong Clotile - Front without Bucket         b19         1130 mm           Clearance Clotile - Rear         wa1         1466 mm           Proformance Clotile - Rear         wa1         12.00 km/b           Wheels         12         12.00 km/b           Wheels         10 km/b         12.00 km/b           Standard Ities - 10 per Miller         174         4.00 km/b           Engine model         4         4.00 km/b         4.00 km/b				
Wheelbase         y         988 mm           Overall widh less bucket         b1         1582 mm           Stoucket Wildh         e1         1552 mm           Ground clearance         m4         160 mm           Overall length - Less Bucket         12         2390 mm           Departure angle         a2         21"           Clearance Radius - Front with Bucket         b18         1869 mm           Clearance Circle - Front without bucket         b19         1130 mm           Clearance Circle - Rear         wa1         1466 mm           Parl Gromances         wa1         1466 mm           Travel speed (unladen)         Tavel speed (unladen)         Tavel speed (unladen)           Wheels         Tavel speed (unladen)				
Overall width less bucket         b1         1582 mm           Bucket Width         e1         1562 mm           Ground clearace         m4         150 mm           Overall leight - Less Bucket         12         2390 mm           Departure angle         a2         21*           Clearance Circle - Front wift Bucket         b18         1869 mm           Clearance Circle - Front wift bucket         b18         1869 mm           Clearance Circle - Front wift bucket         b19         1130 mm           Clearance Circle - Front wift bucket         b19         1130 mm           Clearance Circle - Front wift bucket         b19         1130 mm           Clearance Circle - Front wift bucket         b19         1130 mm           Clearance Circle - Front wift bucket         b19         1130 mm           Clearance Circle - Front wift bucket         b19         1130 mm           Clearance Circle - Front wift bucket         b19         1130 mm           Clearance Circle - Front wift bucket         b19         1130 mm           Cleanace Circle - Front wift bucket         b19         1130 mm           Wheels         1000 mm         1140 mm         1140 mm           Griger Bucket         4         1140 mm         1140 mm         <				
Bucket Wildth         e1         1562 mm           Ground clearance         md         160 mm           Overall length - Less Bucket         12         2390 mm           Depature angle         a2         21°           Clearance Radius - Front with Bucket         b18         1669 mm           Clearance Circle - Foort without Bucket         b19         1130 mm           Clearance Circle - Rear         wa1         1466 mm           Profromances         wa1         1466 mm           Travel speed (unladen)         wa1         152.00 km/h           Wheels         10X 16 - 10 PR HD           Standard ties         10X 16 - 10 PR HD           Engine         Yanmar           Engine band         Yanmar           Engine band         41 Yanmar           Engine band         41 Yanmar           Engine band         41 Yanmar           Engine band         52 Yanmar           Engine band         41 Yanmar           Engine band         52 Yanmar           Engine band         52 Yanmar           Engine band         52 Yanmar           Engine band         52 Yanmar           Mary Lengther Departmentation         24 Yanmar           Mary Len		,		
Ground clearance         m4         160 mm           Overall length - Lees Bucket         12         2390 mm           Departure angle         2         2 1*           Clearance Circle - Front with Ducket         b18         1869 mm           Clearance Circle - Rear         wa1         1130 mm           Clearance Circle - Rear         wa1         1466 mm           Performances         wa1         1466 mm           Travel speed (unladen)         wa1         150 km/h           Wheels         10X16.5 - 10 RP HD           Standard ties         10X16.5 - 10 RP HD           Engine brand         4 Yanmar           Engine model         4 Yanmar           Engine model         4 Yanmar           Engine model         52.10 kW           Net Power         52.10 kW           Net Power         52.10 kW           Net Power         52.10 kW           Net Power         52.10 kW           Number of cylinders         4           48 dates yorlage         12 Y           Accessory plug         12 Y           Accessory plug         12 Y           Accessory plug         12 Y           Accessory plug         10 A				
Overall length - Less Bucket         12         2390 mm           Departure angle         a2         21°           Clearance Ridus - Front with Bucket         b18         1869 mm           Clearance Circle - Front without Bucket         b19         1130 mm           Clearance Circle - Rear         wa1         1466 mm           Performances         ————————————————————————————————————				
Departure angle         a2         21 °           Clearance Radius - Front with Bucket         b18         1869 mm           Clearance Circle - Fear without Bucket         b19         1130 mm           Clearance Circle - Rear         wa1         1466 mm           Performances           Travel speed (unladen)         12.60 km/h           Wheels         10x16.5 - 10 PR HD           Standard tires         6         10x16.5 - 10 PR HD           Engine         4         4TNV98.2MMS3R1           Engine brand         174         Gross Power         52.10 kW           Engine norde         174         Gross Power         52.10 kW           Net Power         52.10 kW         51.20 kW           Max. torque / Engine rotation         241 km / 2500 pm         241 km / 2500 pm           Newer source         Diesel         12 V           Number of cylinders         4         3 kW           Battery voltage         12 V           Accessory plug         12 V           Aleastery voltage         3 kW           Stanter         3 kW           Hydraulic         71.40 l/min           Auxillary hydraulics         71.40 l/min           Auxillary hydraulic				
Clearance Radius - Front with Bucket         b18         1869 mm           Clearance Circle - Front without Bucket         b19         1130 mm           Clearance Circle - Front without Bucket         wa1         1466 mm           Clearance Circle - Front without Bucket         wa1         1466 mm           Performances           Travel speed (unladen)         12.60 km/h           Wheels           Standard tires         10X16.5 - 10 PR HD           Engine         Cleane         10X16.5 - 10 PR HD           Engine brand         Yanmar           Engine brand <th <="" colspan="2" td=""><td>•</td><td></td></th>	<td>•</td> <td></td>		•	
Clearance Circle - Front without Bucket         b19         1130 mm           Clearance Circle - Rear         wat         1466 mm           Performance Circle - Rear P	•			
Clearance Circle - Rear         wa1         1466 mm           Performances         Common Comm				
Performances         12.60 km/h           Travel speed (unladen)         12.60 km/h           Wheels         10X16.5 - 10 PR HD           Standard tires         10X16.5 - 10 PR HD           Engine         10X16.5 - 10 PR HD           Engine brand         4           Engine homel         4TNV98-ZMMS3R1           Engine norm         174           Gross Power         52.10 kW           Net Power         52.10 kW           Max. torque / Engine rotation         241 km / 2500 rpm           Power source         Diesel           Number of cylinders         4           Battery voltage         12 V           Accessory plug         12 V           Accessory plug         12 V           Alternator - Ampere         3 kW           Hydraulics         3 kW           Stander         3 kW           Hydraulic pressure         207 bar           Tank capacities         62.50 I           Fuel tank         62.50 I           Hydraulic oil tank capacity         41.60 I           LH Chain case         5.50 I				
Travel speed (unladen)         12.60 km/h           Wheels         10X16.5-10 PR HD           Standard tires         10X16.5-10 PR HD           Engine         10X16.5-10 PR HD           Engine brand         Yanmar           Engine nomel         4TNY99-ZNMS2R1           Gross Power         52.10 kW           Net Power         52.10 kW           Max. torque / Engine rotation         241 km / 2500 pm           Power source         Diesel           Number of cylinders         4           Battery voltage         12 V           Accessory plug         12 V           Altemator - Ampere         3 kW           Hydraulics         3 kW           Vipraulics         71.40 l/min           Standard flow - Auxiliary hydraulics         71.40 l/min           Auxiliary hydraulic Pressure         207 bar           Fuel tank         6.2.50 l           Hydraulic oil tank capacity         41.60 l           Lipsplacement         8.50 l           LH Chain case         8.50 l		Wa I 1466 mm		
Wheels         10X16.5-10 PR HD           Engine         10X16.5-10 PR HD           Engine brand         4 Ammar           Engine model         4TNV98-ZNMS3R1           Engine norm         52.10 kW           Gross Power         52.10 kW           Net Power         51.20 kW           Max. torque / Engine rotation         241 Nm / 2500 pm           Power source         Diesel           Number of cylinders         4           Battery voltage         12 V           Accessory plug         12 V           Accessory plug         12 V           Alexessory plug         100 A           Starter         3 kW           Hydraulics         71.40 l/min           Standard flow - Auxiliary hydraulics         71.40 l/min           Auxiliary hydraulic Pressure         207 bar           Tank capacities         62.50 I           Fuel tank         62.50 I           Hydraulic oil tank capacity         41.60 I           Displacement         8.50 I		10.60 km/k		
Standard tires         10X16.5-10 PR HD           Engine         Composition of the policy of the polic		12.60 km/h		
Engine         Yanmar           Engine brand         4TNV98-ZNMS3R1           Engine nomel         1T4           Gross Power         52.10 kW           Net Power         52.10 kW           Max. torque / Engine rotation         241 Nm / 2500 rpm           Power source         Diesel           Number of cylinders         4           Battery voltage         12 V           Accessory plug         12 V           Alternator - Ampere         100 A           Starter         3 kW           Hydraulics         71.40 l/min           Auxiliary hydraulics Pessure         207 bar           Tank capacities         207 bar           Fuel tank         62.50 l           Hydraulic oil tank capacity         41.60 l           Displacement         8.50 l		400446 5 40 00 110		
Engine brand         Yanmar           Engine model         4TNV98-ZNMS3R1           Engine norm         1T4           Gross Power         52.10 kW           Mex bety Pergine rotation         241 Nm / 2500 rpm           Power source         Diesel           Number of cylinders         4           Battery voltage         12 V           Accessory plug         12 V           Altemator - Ampere         3 kW           Starter         3 kW           Hydraulics         3 kW           Standard flow - Auxiliary hydraulics         71.40 l/min           Auxiliary Hydraulic Pressure         207 bar           Tank capacities         4.50 l           Hydraulic oil tank capacity         41.60 l           Displacement         3 319 mm³           LH Chain case         8.50 l		1UX 16.5 - 10 PR HD		
Engine model         4TNV98-ZNMS3R1           Engine nom         iT4           Gross Power         52.10 kW           Net Power         51.20 kW           Max. torque / Engine rotation         241 Nmr / 2500 rpm           Power source         Diesel           Number of cylinders         4           Battery voltage         12 V           Accessory plug         12 V           Altemator - Ampere         100 A           Starter         3 kW           Hydraulics         3 kW           Standard flow - Auxiliary hydraulics         71.40 l/min           Auxiliary Hydraulic Pressure         207 bar           Tank capacities         62.50 l           Fuel tank         62.50 l           Hydraulic oil tank capacity         41.60 l           Displacement         3319 mm³           LH Chain case         8.50 l				
Engine norm         iT4           Gross Power         52.10 kW           Net Power         51.20 kW           Max. torque / Engine rotation         241 Nm / 2500 rpm           Power source         Diesel           Number of cylinders         4           Battery voltage         12 V           Accessory plug         12 V           Altemator - Ampere         3 kW           Starter         3 kW           Hydraulics         3 kW           Standard flow - Auxiliary hydraulics         71.40 l/min           Auxiliary hydraulic Pressure         207 bar           Tank capacities         62.50 l           Hydraulic oil tank capacity         41.60 l           Displacement         45.50 l           LH Chain case         8.50 l				
Goss Power       \$2.10 kW         Net Power       \$1.20 kW         Max. torque / Engine rotation       241 Nm / 2500 rpm         Power source       Diesel         Number of cylinders       4         Battery voltage       12 V         Accessory plug       12 V         Altemator - Ampere       100 A         Starter       3 kW         Hydraulics       3 kW         Standard flow - Auxiliary hydraulics       71.40 l/min         Auxiliary Hydraulic Pressure       207 bar         Tank capacities       62.50 l         Hydraulic oil tank capacity       41.60 l         Displacement       3319 mm³         LH Chain case       8.50 l				
Net Power         51.20 kW           Max. torque / Engine rotation         241 Nm / 2500 rpm           Power source         Diesel           Number of cylinders         4           Battery voltage         12 V           Accessory plug         12 V           Alterador - Ampere         100 A           Starter         3 kW           Hydraulics         2           Standard flow - Auxiliary hydraulics         71.40 l/min           Auxiliary hydraulic Pressure         207 bar           Tank capacities         207 bar           Fuel tank         62.50 I           Hydraulic oil tank capacity         41.60 I           Displacement         8.50 I           LH Chain case         8.50 I	•			
Max. torque / Engine rotation         241 Nm / 2500 rpm           Power source         Diesel           Number of cylinders         4           Battery voltage         12 V           Accessory plug         12 V           Altemator - Ampere         100 A           Starfer         3 kW           Hydraulics         71.40 l/min           Standard flow - Auxiliary hydraulics         271.40 l/min           Auxiliary Hydraulic Pressure         207 bar           Tank capacities         62.50 l           Fuel tank         62.50 l           Hydraulic oil tank capacity         41.60 l           Displacement         3319 mm³           LH Chain case         8.50 l				
Power source         Diesel           Number of cylinders         4           Battery voltage         12 V           Accessory plug         12 V           Alternator - Ampere         100 A           Starter         3 kW           Hydraulics         5           Standard flow - Auxiliary hydraulics         71.40 l/min           Auxiliary Hydraulic Pressure         207 bar           Tank capacities         2           Fuel tank         62.50 l           Hydraulic oil tank capacity         41.60 l           Displacement         3319 mm³           LH Chain case         8.50 l				
Number of cylinders       4         Battery voltage       12 V         Accessory plug       12 V         Alternator - Ampere       100 A         Starter       3 kW         Hydraulics       5         Standard flow - Auxiliary hydraulics       71.40 l/min         Auxiliary Hydraulic Pressure       207 bar         Tank capacities       2         Fuel tank       62.50 l         Hydraulic oil tank capacity       41.60 l         Displacement       3319 mm³         LH Chain case       8.50 l				
Battery voltage       12 V         Accessory plug       12 V         Altemator - Ampere       100 A         Starter       3 kW         Hydraulics       50 C         Standard flow - Auxiliary hydraulics       71.40 l/min         Auxiliary Hydraulic Pressure       207 bar         Tank capacities       50 C         Fuel tank       62.50 l         Hydraulic oil tank capacity       41.60 l         Displacement       3319 mm³         LH Chain case       8.50 l				
Accessory plug       12 V         Altemator - Ampere       100 A         Starter       3 kW         Hydraulics       50 C         Standard flow - Auxiliary hydraulics       71.40 l/min         Auxiliary Hydraulic Pressure       207 bar         Tank capacities       50 C         Fuel tank       62.50 l         Hydraulic oil tank capacity       41.60 l         Displacement       3319 mm³         LH Chain case       8.50 l	·			
Altemator - Ampere       100 A         Starter       3 kW         Hydraulics       ————————————————————————————————————				
Starter         3 kW           Hydraulics         Company of the position o				
Hydraulics         Company of the property of	Alternator - Ampere			
Standard flow - Auxiliary hydraulics       71.40 l/min         Auxiliary Hydraulic Pressure       207 bar         Tank capacities         Fuel tank       62.50 l         Hydraulic oil tank capacity       41.60 l         Displacement       3319 mm³         LH Chain case       8.50 l	Starter	3 kW		
Auxiliary Hydraulic Pressure     207 bar       Tank capacities     USE 100 mg/mm²       Fuel tank     62.50 l       Hydraulic oil tank capacity     41.60 l       Displacement     3319 mm²       LH Chain case     8.50 l	Hydraulics			
Tank capacities         Capacities           Fuel tank         62.50 l           Hydraulic oil tank capacity         41.60 l           Displacement         3319 mm³           LH Chain case         8.50 l	Standard flow - Auxiliary hydraulics	71.40 l/min		
Fuel tank       62.50 I         Hydraulic oil tank capacity       41.60 I         Displacement       3319 mm³         LH Chain case       8.50 I	Auxiliary Hydraulic Pressure	207 bar		
Hydraulic oil tank capacity  Displacement  LH Chain case  41.60 I  3319 mm³  8.50 I	Tank capacities			
Displacement 3319 mm³ LH Chain case 8.50 I	Fuel tank	62.50		
LH Chain case 8.50 I	Hydraulic oil tank capacity	41.60		
	Displacement	3319 mm³		
RH Chain case 8.50 I	LH Chain case	8.50 l		
	RH Chain case	8.50 l		

## 1640R - Dimensional drawing











## **Head Office**

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