

# OMN series

Monoblock  
Compactor



**ORAKCI**  
Makina İmalat İth. İhr. San. ve Tic. A.Ş.



## 1. Equipment Dimensions

	Letter Code	6 m <sup>3</sup>	7 m <sup>3</sup>	8 m <sup>3</sup>	9 m <sup>3</sup>	10 m <sup>3</sup>
Rear Overhang	C	May Differ by Truck				
Truck Ground Clearance	CH	850				
Total Length	D	3846	4198	4550	4902	5254
Body Height	E	2825				
Body Internal Height	H	1375				
Useful Chassis Length	Ca	1936	2288	2640	2992	3344
Truck Chassis Width	CW	May Differ by Truck				
Body Length	G	3766	4118	4470	4822	5174
Hooper Height	M	1840				
Body Internal Width	J1	1775				
Body External Width	J2	1945				
Chassis Back Length	P	850				
Equipment Weight (kg) ±3%		2700	2800	2900	3100	3200

The equipment dimensions may vary by ±3% depending on the general tolerances.



## 2. Container Capacity

<b>Capacity</b>	6 m <sup>3</sup> -10 m <sup>3</sup>
-----------------	-------------------------------------



## 3. Hydraulic Features

<b>Pump</b>	Pump	Gear Pump
	Operating Pressure	160-180 bar
	Pump Flow Rate	43-55 lt/min. * Pump values may differ depending on motor output speed. Motor output speed Max. 1000rpm
<b>Oil Tank</b>	Suction Filter	125 µc
	Return Filter	25 µc
	Capacity	90 lt



## 4. General Features

Compton Ratio	1:3
Min. Waste Loading Height	1400 mm *May differ by truck.
Loading Angle	135 °
Transfer Feature	Capability of Transferring to 3 and 4 series (May Differ)



## 5. Material Used

	Body Bottom	Body Top	Blade Bottom Sheet	Body Side Walls
Material	▪ S355J2C+N	▪ S355J2C+N	▪ S355J2C+N	▪ S355J2C+N
	Hardox 450 (Optional)	Hardox 450 (Optional)	Hardox 450 (Optional)	Hardox 450 (Optional)

**HARDOX®**  
WEAR PLATE

We offer Hardox 450 as an option for extending the useful life of the equipment located in the parts exposed to corrosion.

## 6. Bin Lifter Systems

Bin Lifter (Optional)	120 lt- 1100 lt (EN 840)	400 lt-800 lt range (TR)
-----------------------	--------------------------	--------------------------

We produce systems whose EN 840 standard-compliant bin lifter is suitable for lifting plastic and metal containers.



## 7. Optional Features

Hydraulic Control System	<ul style="list-style-type: none"> <li>Manual</li> <li>Semi-automatic</li> <li>Automatic</li> </ul>	Hardox	<b>HARDOX®</b> WEAR PLATE	Bin Lifter	
Bin Lid Opener		Bin Stopper		Step Sensor	
Equipment Control Directions	Right / Left	Steps (EN 1501)		Emergency Button (EN1501)	
Wastewater Tank		Ladder		Inner Cabin Control	
Electrical Control System	<ul style="list-style-type: none"> <li>PLC</li> <li>ECU</li> <li>ECU-CANBUS</li> </ul>	Fire Extinguisher Box			
Mud Guards		Camera		Bicycle Stand EN 1501	
Side Marker Lights		Recorder			

Please contact ORAKCI MAKİNA for optional requests.

## 8.Truck Warning Alarm System

Truck Warning Alarm System		
Manual	Semi automatic	Automatic
Beacon Light	Beacon Light	Beacon Light
Hopper Lighting Lamps	Hopper Lighting Lamps	Hopper Lighting Lamps
Stop Lamps	Stop Lamps	Stop Lamps
Driver Warning (Optional)	Driver Warning (Optional)	Driver Warning
Side Marker Light (Optional)	Side Marker Light (Optional)	Side Marker Light (Optional)
Side Beacon Light (Optional)	Side Beacon Light (Optional)	Side Beacon Light (Optional)
Reversing Buzzer	Reversing Buzzer	Reversing Buzzer
Camera System (Optional)	Camera System (Optional)	Step Sensor (Optional)
		30 km/h Speed Limiter Signal
		Camera System (Optional)
		Outer Tank Stop Buttons
		Hopper Extension Sensor (Optional)

9.Following the analysis of each designed equipment via the programs, mass production of them is carried out after testing for at least 6 months in the field test.

10.The waste is transferred to the ORV series Hydraulic refuse compactors without going to a landfill.

11.The equipment is designed for use in narrow streets.

12.The discharge process of waste is carried out with the help of an ejection plate and a double acting telescopic cylinder.

13.Bin lifter pistons are equipped with hose burst valves.

14.Through the installation of a closed circuit camera system in the driver's cabin,the communication of the driver with the operators is increased and work safety is ensured. Ease of use is offered via an optional touch screen.

15.Since the equipment is monoblock (single piece), there is no waste water leakage problem.

16.The curved top allows the equipment to have no water discharge problem in areas with heavy precipitation.

17.Compaction ratio 1:3 (May differ depending on waste density.)

18.CKD-SKD and Disassembled production can be performed. Production can be made in line with business models depending on customer and market needs.

19.1-year product warranty and 10-year spare parts supply warranty is provided.

