

# OKADA DEMOLITON & SORTING GRAPPLES

## OD series DEMOLITION & SORTING GRAPPLES

Designed to be extremely sturdy to perform all demolition & recycling tasks while keeping maintenance costs low.

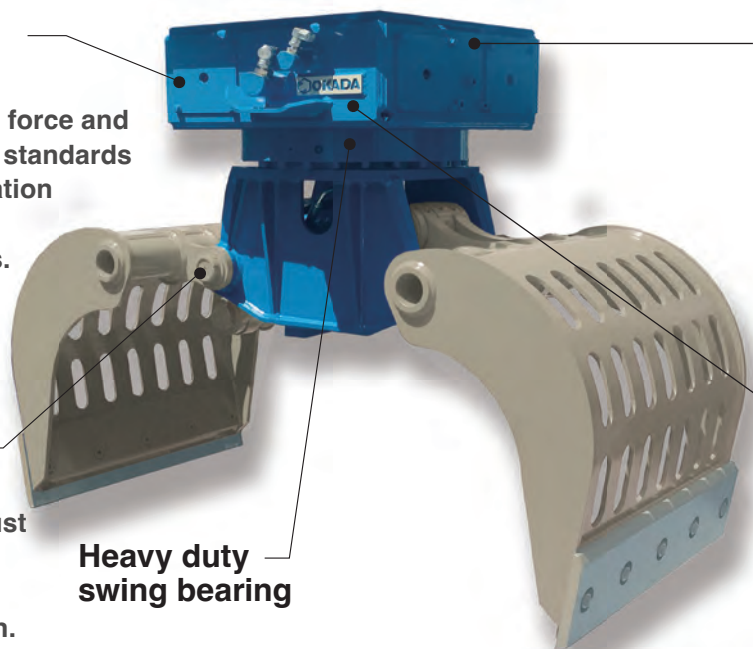
The grapples incorporate several hydraulic components used in the OKADA crushers and are based on decades of OKADA engineering experience.

### Rotation control safety valve

gives adequate brake force and maximizes the safety standards by protecting the rotation mechanism when grabbing heavy loads.

### Dust seals

in the main pin and bushing area keep dust and water outside ensuring a lasting, trouble-free operation.



### High power Parker® rotation motors

provide an optimal distribution of forces on the swing bearing and generate a high torque suited for heavy applications in any position.

### Center swivel valve

is an oil valve that is crucial for a smooth rotation of the grapple. Okada uses a highly reliable sealing design which is also used in airplane systems.



### ◆ Specifications

	Unit	OD-60R	OD-120R	OD-200R
Operating weight	kg	480	850	1350
Overall height - open position	mm	1235	1375	1635
Max. shelves opening	mm	1550	1820	2110
Shell width	mm	700	800	900
Operating pressure for cylinder	MPa	31.4	35	35
Max. oil flow for cylinder	L/min	40 - 60	50 - 70	100 - 120
Operating pressure for Rotation	MPa	16	16	16
Max. oil flow for Rotation	L/min	15	30	30
Grabbing force	kN	24	35	56
Rotation motor		1	2	2
Base machine Weight	Ton	6 - 12	12 - 18	18 - 28

(Note) The above specifications are subject to change without notice.  
The above specifications assume the use of an OKADA flat mount bracket.