

PRELIMINARY



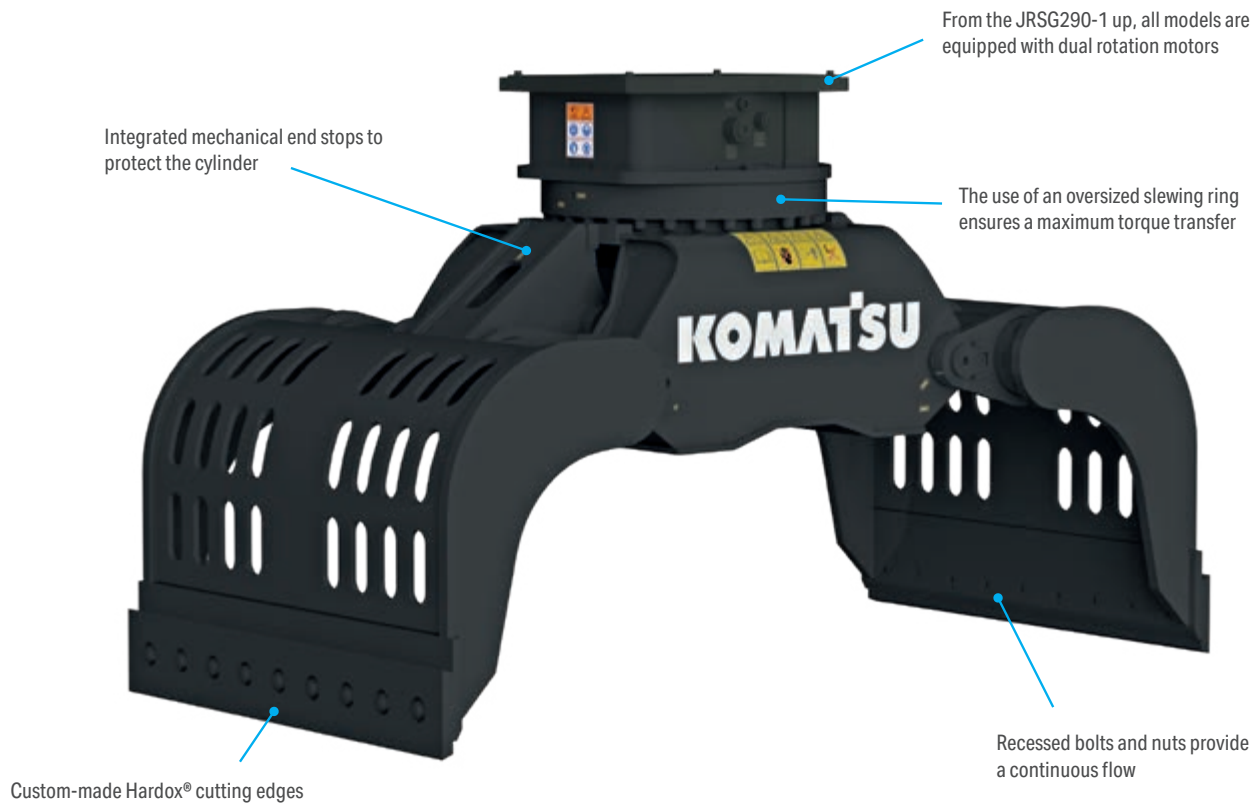
Sorting grapples

Weight
210 - 3950 kg

Machine class
2.5 - 70 tonnes

Komatsu carriers
PC30 - PC700

A reliable tool designed for demolition and recycling



Solid foundation

The solid foundation of the grapple is a double walled frame, which makes it extremely strong. The completely closed frame fully protects the cylinder, motor(s) and slewing ring, reducing unscheduled downtime to a minimum.



Single cylinder

The use of only one cylinder means that the forces are always perfectly distributed, which improves the life of the grapple. The cylinder comes as standard with a load control valve. The valve prevents unexpected opening of the shells in case of pressure loss.



Service-friendly

The large pins and bushings reduce maintenance intervals and extend the lifespan of the grapple. The bushings feature an integrated lubrication groove, eliminating the need for lubrication channels in the pins, making the pins extremely strong.

Model JRSG		45-1	80-1	120-1	160-1	210-1	290-1	360-1	490-1	550-1	600-1
Machine class	t	2.5 - 5	5 - 9	10 - 15	14 - 18	16 - 22	20 - 30	25 - 40	35 - 50	45 - 55	50 - 70
Weight*	kg	210	435	900	1015	1350	1600	2200	2350	3300	3950
Volume	l	100	140	325	400	530	640	900	1100	1300	1500
Closing force**	kN	12	26	41	41	53	61	70	80	100	115
Komatsu carrier***		PC30-45	PC55-88 PW98 WB93-97	PC138 PW148-158	PC170 PW148-180	PC170-228 PW158-198 HB215	PC210-290 HB215	PC290-360 HB365	PC360-490 HB365	PC490	PC490-700

Hydraulics

Opening/closing pressure max.	MPa	32	32	32	32	35	35	35	35	38	35
Opening/closing oil volume	l/min	35	50	80	80	100	100	120	120	150 - 200	150 - 200
Rotation pressure max.	MPa	12	12	14	14	17	17	17	17	17	17
Rotation oil volume	l/min	20	20	40	40	40	40	40	40	40 - 60	40 - 60
Number of hydraulic motors		1	1	1	1	1	2	2	2	2	2

Dimensions

A	mm	1137	1350	1750	1830	2010	2200	2435	2435	2800	3050
B	mm	635	697	1115	1115	1273	1320	1459	1459	1700	1820
C	mm	703	985	1350	1375	1485	1415	1460	1460	1610	1850
D	mm	500	670	800	930	1030	1130	1240	1440	1400	1530
E	°	-	15	-	-	-	-	-	-	-	7.5

* Weight excl. bracket and hoses

** Closing force at 320 bar

*** Confirm the lifting capacity for each individual combination. Some limitations may apply

