

REHANDLING CLAMSHELL GRABS

HOSE PROTECTION

Protection shield on rotary motor for hose connectors

ROTATION MOTOR

Fully protected compact rotary motor gives endless hydraulic rotation with integrated pressure limitation

SHELLS

Made from high-strength fine-grain steel. Shells are interchangeable throughout each model

SHELL COVERS (OPTIONAL)

Available with steel covers when handling light materials

CUTTING EDGES

Side and bottom cutting edges are manufactured from high-strength fine-grain steel, reinforced with Hardox HB500 profiles

PRODEM REHANDLING CLAMSHELL GRABS ARE CLASS LEADERS IN INGENUITY AND PERFORMANCE, OFFERING VOLUMES FROM 1000 TO 8000 LITRES. THE RCS RANGE GIVES THE OPERATOR MAXIMUM CONTROL OF ANY REHANDLING APPLICATION.

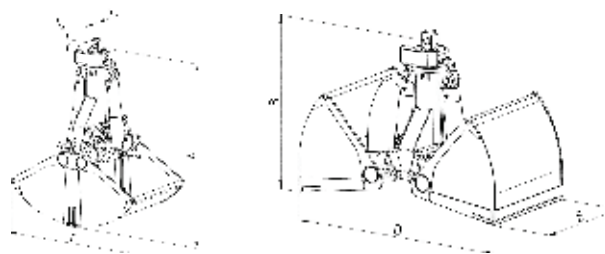
PRODEM ARE ABLE TO OFFER CUSTOMISED GRABS TO SUIT EACH CUSTOMER'S APPLICATION AND REQUIREMENTS.

BENEFITS OF PRODEM REHANDLING CLAMSHELL GRABS

- >> Protection shield on rotary motor for hose connectors
- >> Fully protected compact rotary motor - gives endless hydraulic rotation with integrated pressure limitation
- >> Interchangeable shells - made from high-strength fine-grain steel
- >> Optional shell covers
- >> Side and bottom cutting edges - manufactured from high-strength fine grain steel, reinforced with HARDOX HB500 profiles

“THE PRODEM RCS CLAMSHELLS HAVE A VERY HIGH CLOSING FORCE AND QUICK CYCLE TIMES. WE RELY HEAVILY ON OUR FLEET OF PRODEMS' TO UNLOAD THE AGGREGATE TRAINS DAY & NIGHT.”

TECHNICAL SPECIFICATION



Model	Excavator Weight Class (t)	Max. Grab Capacity (t)	Max. Rotation Load (t)	Material Weight Up (t/m ³)	Working Pressure - Rotation (bar)	Working Pressure - Open/Close (bar)	Max. Oil Flow - Rotation (l/min)	Max. Oil Flow - Open/Close (l/min)
RCS4	12-21	4	15	2	140	350	35	110
RCS4/MH	18-25	4	15	2	140	350	35	110
RCS5	22-35	8	15	2.6	140	350	35	140
RCS5/MH	26-45	8	15	2.6	140	350	35	140
RCS6	36-50	12	35	2.6	200	350	50	170
RCS6/MH	46-80	12	35	2.6	200	350	50	170
RCS7	80-100	15	40	2.6	140	350	50	170

Model	Capacity (l)	Working Weight (kg)	Shell Width E (mm)	Height A - Closed (mm)	Height B - Open (mm)	Width C - Closed (mm)	Width D - Open (mm)	Rotator Connection Width F (mm)	Mounting Pin Diameter G (mm)
RCS4-1000	1000	1460	1000	1640	1355	1730	2450	114	70
RCS4-1200	1200	1540	1200	1640	1355	1730	2450	114	70
RCS4-1400	1400	1420	1600	2490	1790	1980	2130	114	70
RCS4-1600	1600	1535	1800	2490	1790	1980	2130	114	70
RCS5-1500	1500	1950	1200	2490	1720	1980	2360	114	70
RCS5-2000	2000	2200	2000	2490	1720	1980	2360	114	70
RCS5-2500	2500	2300	2400	2490	1720	1980	2360	114	70
RCS5-3000	3000	2490	2400	2490	1720	1980	2360	114	70
RCS6-2000	2000	2920	1200	3130	2120	2390	2860	150	80
RCS6-2500	2500	3350	1500	3430	2380	2380	2860	150	80
RCS6-3000	3000	3530	1800	3430	2380	2380	2860	150	80
RCS6-4000	3000	3920	2500	3430	2575	2380	2860	114	80
RCS7-5000	5000	6500	2000	3750	2450	2750	3900	114	80
RCS7-6000	6000	6800	2400	3750	2450	2750	3900	114	80
RCS7-7000	7000	7550	2800	3750	2450	2750	3900	114	80
RCS7-8000	8000	7850	3200	3750	2450	2750	3900	114	80

* Grab design can be amended to suit customers requirements. * Larger models available upon request.