

DIGGING CLAMSHELLS

PRODEM DIGGING GRABS OFFER VERSATILE DIGGING SOLUTIONS FOR ALL EXCAVATORS. ALL PRODEM DIGGING GRABS ARE AVAILABLE WITH BOLT-ON EXTENSION SHAFTS AND BOLT-ON DIGGING TEETH.

THE PRODEM DCS RANGE BOASTS A UNIQUE QUICK CHANGE SHELLS SYSTEM WHICH ENABLES OPERATORS TO CHANGE THE SIZE OF THE SHELL DEPENDING ON JOB REQUIREMENTS.

ROTATION MOTOR

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

RAM GUARD

Offers full protection of cylinder

DIGGING SHELLS

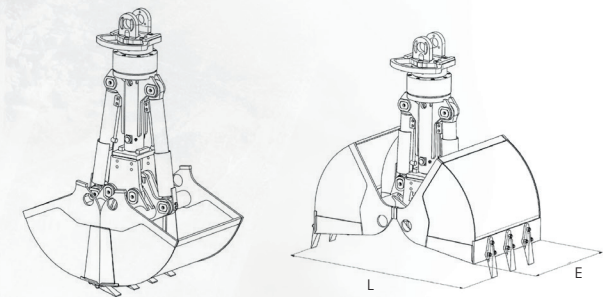
All models throughout the range have interchangeable shells that can be changed by 3 point pin on system

TEETH

Bolt on replaceable forged teeth

BENEFITS OF PRODEM DIGGING CLAMSHELLS

- >> Shells can be interchanged by 3-point exchange system within the entire series
- >> Piston rod protection
- >> Mechanical opening and closing limit stops
- >> Side and ground cutting edges made from high-strength fine-grain steel (450 HB)
- >> Forged 3-hole bolt-on teeth



TECHNICAL SPECIFICATION

Model	Content (SAE) L	Weight (kg)	Grab Width E (mm)	Grab Opening L (mm)	Number of Teeth	Max Grab Capacity (t)	Max Load Rotary Engine (t)	Material Weight Up (t/m3)	Operating Pressure Max - open/closing (bar)	Operating Pressure Max - rotation (bar)	Closing force max (kN)	Excavator Weight Class (t)
DCS05-280	30	120	280	790	3	1	3	2	250	250	20	1-2
DCS05-300	35	125	300	790	3	1	3	2	250	250	20	1-2
DCS05-400	40	135	400	790	3	1	3	2	250	250	20	1-2
DCS1- 300	60	140	300	950	3	1	3	2	250	250	24	1-5
DCS1-400	80	150	400	950	3	1	3	2	250	250	24	1-5
DCS1- 500	100	160	500	950	5	1	3	2	250	140	24	1-5
DCS2-270	90	255	270	1305	3	2	4.5	2	300	250	27	5-10
DCS2-300	100	260	300	1305	3	2	4.5	2	300	250	27	5-10
DCS2-400	135	275	400	1305	3	2	4.5	2	300	250	27	5-10
DCS2-500	170	290	500	1305	5	2	4.5	2	300	250	27	5-10
DCS2-600	205	305	600	1305	5	2	4.5	2	300	250	27	5-10
DCS3-300	140	535	300	1445	3	2	9	2	350	140	40	10-15
DCS3-400	185	550	400	1445	3	2	9	2	350	140	40	10-15
DCS3-500	230	575	500	1445	5	2	9	2	350	140	40	10-15
DCS3-600	275	590	600	1445	5	2	9	2	350	140	40	10-15
DCS3-700	320	610	700	1445	7	2	9	2	350	140	40	10-15
DCS3-800	365	625	800	1445	7	2	9	2	350	140	40	10-15
DCS4-300	180	675	300	1695	3	4	9	3	350	140	67	13-21
DCS4-400	240	720	400	1695	3	4	9	3	300	140	67	13-21
DCS4-500	300	750	500	1695	3	4	9	3	300	140	67	13-21
DCS4-600	360	780	600	1695	5	4	9	3	300	140	67	13-21
DCS4-700	420	855	700	1695	5	4	9	3	300	140	67	13-21
DCS4-800	480	885	800	1695	7	4	9	3	300	140	67	13-21
DCS4-900	540	915	900	1695	7	4	9	3	300	140	67	13-21
DCS4-1000	600	945	1000	1695	9	4	9	3	300	140	67	13-21
DCS5-400	340	1200	400	2005	3	6	15	3	300	140	95	22-30
DCS5-500	430	1250	500	2005	3	6	15	3	300	140	95	22-30
DCS5-600	520	1295	600	2005	5	6	15	3	300	140	95	22-30
DCS5-800	700	1390	800	2005	7	6	15	3	300	140	95	22-30
DCS5-1000	880	1550	1000	2005	9	6	15	3	300	140	95	22-30
DCS5-1200	970	1600	1200	2005	11	6	15	3	300	140	95	22-30