

# DIGGING CLAMSHELL GRABS

**PRODEM DIGGING CLAMSHELL GRABS OFFER VERSATILE DIGGING SOLUTIONS FOR ALL EXCAVATORS. 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

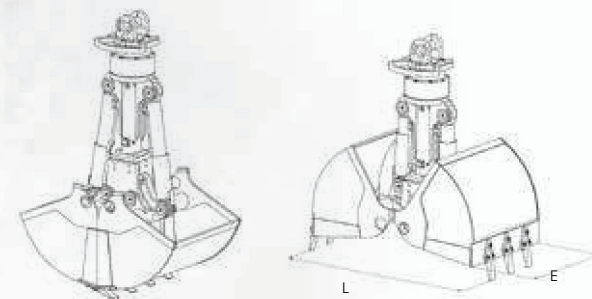
## TEETH

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
- >> All models available with bolt-on extension shafts and bolt-on digging teeth

## TECHNICAL SPECIFICATION



Model	Content (SAE) L	Working Weight (kg)	Grab Width E (mm)	Grab Opening L (mm)	Number of Teeth	Max Grab Capacity (t)	Max Load Rotation (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)
DCS05-300	35	125	300	790	3	1	2.5	2	250	250	20	1-2
DCS05-400	40	135	400	790	3	1	2.5	2	250	250	20	1-2
DCS1-300	60	140	300	950	3	1	2.5	2	250	250	24	1-5
DCS1-400	80	150	400	950	3	1	2.5	2	250	250	24	1-5
DCS1-500	100	160	500	950	5	1	2.5	2	250	250	24	1-5
DCS2-270	90	250	270	1300	3	2	4.5	2	300	350	20	5-9
DCS2-300	100	255	300	1300	3	2	4.5	2	300	350	20	5-9
DCS2-400	135	270	400	1300	3	2	4.5	2	300	350	20	5-9
DCS2-500	170	285	500	1300	5	2	4.5	2	300	350	20	5-9
DCS2-600	205	300	600	1300	5	2	4.5	2	300	350	20	5-9
DCS3-300	140	570	300	1445	3	2	10	2	350	140	40	9-15
DCS3-400	185	585	400	1445	3	2	10	2	350	140	40	9-15
DCS3-500	230	610	500	1445	5	2	10	2	350	140	40	9-15
DCS3-600	275	625	600	1445	5	2	10	2	350	140	40	9-15
DCS3-700	320	640	700	1445	7	2	10	2	350	140	40	9-15
DCS3-800	365	660	800	1445	7	2	10	2	350	140	40	9-15
DCS4-300	180	675	300	1690	3	4	10	3	350	140	67	13-21
DCS4-400	240	720	400	1690	3	4	10	3	350	140	67	13-21
DCS4-500	300	750	500	1690	3	4	10	3	350	140	67	13-21
DCS4-600	360	780	600	1690	5	4	10	3	350	140	67	13-21
DCS4-700	420	855	700	1690	5	4	10	3	350	140	67	13-21
DCS4-800	480	885	800	1690	7	4	10	3	350	140	67	13-21
DCS4-900	540	915	900	1690	7	4	10	3	350	140	67	13-21
DCS4-1000	600	945	1000	1690	9	4	10	3	350	140	67	13-21
DCS5-400	340	1275	400	2005	3	6	15	3	350	140	95	22-30
DCS5-500	430	1325	500	2005	3	6	15	3	350	140	95	22-30
DCS5-600	520	1370	600	2005	5	6	15	3	350	140	95	22-30
DCS5-800	700	1390	800	2005	7	6	15	3	350	140	95	22-30
DCS5-1000	880	1465	1000	2005	9	6	15	3	350	140	95	22-30
DCS5-1200	970	1675	1200	2005	11	6	15	3	350	140	95	22-30