



PRODEM
A Force You Can Depend On

www.prodem-attachments.com

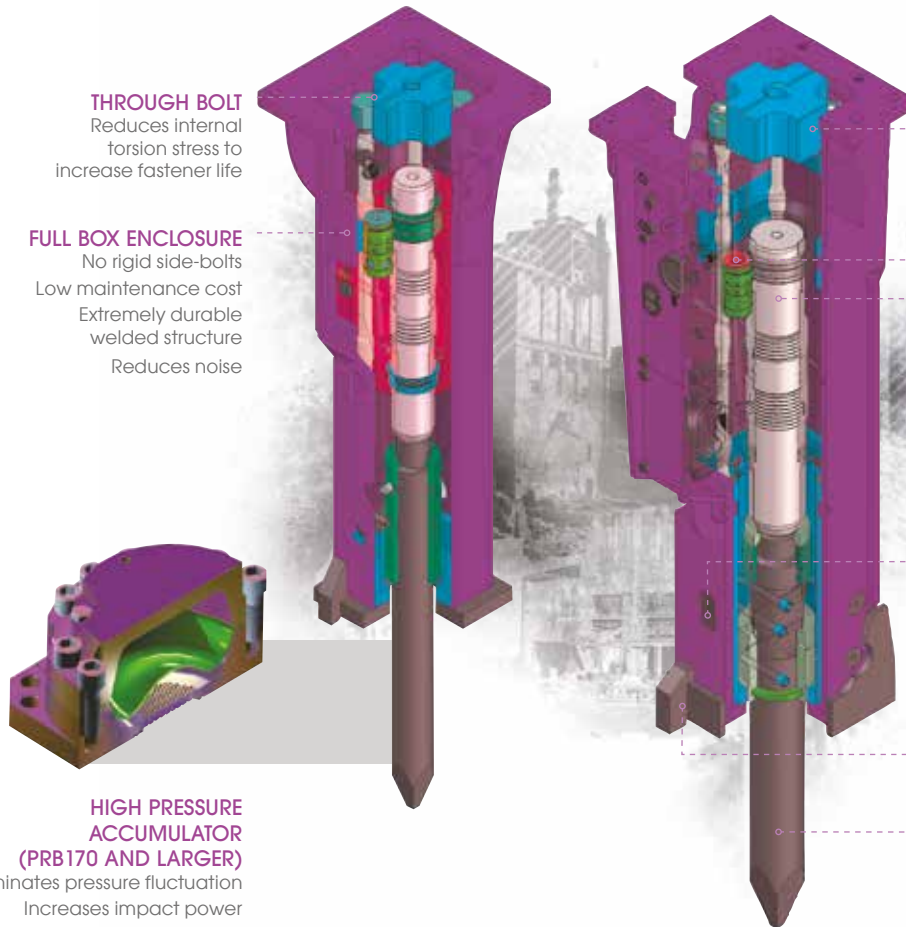


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HYDRAULIC HAMMERS

THE PRODEM PRB SERIES OF VIBRATION DAMPENED SILENCED HYDRAULIC HAMMERS HAVE BEEN DEVELOPED FOR THE TOUGHEST ENVIRONMENTS.



THROUGH BOLT
Reduces internal torsion stress to increase fastener life

FULL BOX ENCLOSURE
No rigid side-bolts
Low maintenance cost
Extremely durable welded structure
Reduces noise

HIGH PRESSURE ACCUMULATOR (PRB170 AND LARGER)
Eliminates pressure fluctuation
Increases impact power

PERFECT CUSHION DAMPER
Optimal damping system made of high quality elastomer
Minimises recoil shock induced by impact
Reduces noise and vibration

UNIQUE VALVE DESIGN
Lessens pressure fluctuation
Less damage on carrier's pump

LONG PISTON STROKE
Minimizes recoil
Eliminates mechanical springs
Special heat-treated and hardened piston

EASY MAINTENANCE
Fewer components
Wide and appropriate openings

HARDENED ROCK CLAW
Resisting wear and abrasion

HIGH QUALITY WORKING TOOL
Optimized by high grade steel and heat treatment

FEWER COMPONENTS

>> Around one third of its competitors

ANTI-BLANK FIRING (PRB130 AND LARGER)

>> Significantly reduces blank blow induced failures
>> Less downtime means more productivity

DUAL-SPEED CONTROL (PRB130 AND LARGER)

>> Control blow frequency adjusting to rock density
>> Low power/high speed - concrete breaking, soft rock, reducing boulders
>> High power/low speed - quarry, trenching

CENTRALIZED LUBRICATING SYSTEM

>> Single point of entry for quick greasing

OPTIONAL EXTRAS

>> Auto greasing kit: Automatic dispensing of lubricating paste

**“ THIS MACHINE IS INCREDIBLE!
THE PERFORMANCE AND DURABILITY IS
SECOND TO NONE MAKING LIGHT WORK
OF ANY HEAVY DUTY METAL STRUCTURE
CHEWING IT UP IN SECONDS. ”**



TOOL ENERGY RATING

WHAT IS THE TOOL ENERGY RATING?

Assessing and comparing hydraulic hammers has never been easier or more accurate than with the Tool Energy Rating developed by the Mounted Breaker Manufacture Bureau (MBMB) of the AEM. The AEM is the U.S. based international trade group serving the business needs of construction equipment manufacturers and construction services providers.

The AEM Tool Energy Rating is accepted by hydraulic breaker manufacturers from Finland, France, Germany, Italy, Japan, Korea, Sweden and the United States. PRODEM has been accredited to self certify tool energy ratings obtained through test processes complying with “AEM Measuring Guide.”

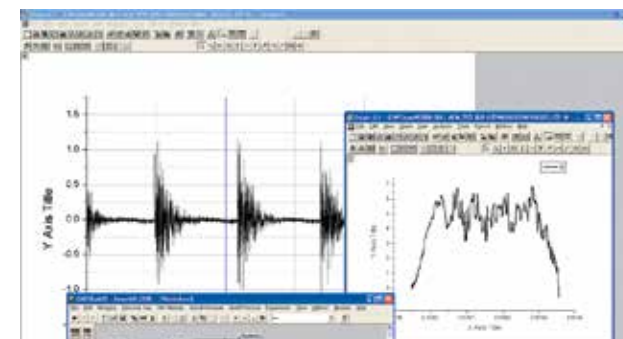


PRODUCT TESTING

HAMMER TEST BENCH

The AEM tool energy rating test bench simulates actual working conditions under controlled environments. Each hammer is tested 25 times observed by the AEM certified tester. Each impact is then measured by strain gauges on the tool bit and recorded and compared with other AEM-MBMB certified breakers.

All variables like flow, pressure, etc which affect impact energy throughout the tests, are averaged to one specific value. By having this test bench, all hammers manufactured complying with AEM-tool energy ratings, give customers a more practical and accurate standard to select a hammer. Only hammers that have been tested and certified under AEM regulation can display AEM-MBMB decal.



HYDRAULIC HAMMERS

PRB SERIES - BA

THE PRODEM PRB SERIES OF VIBRATION DAMPENED SILENCED HYDRAULIC HAMMERS OFFERS POWER, RELIABILITY, INNOVATIVE DURABILITY, LOW OPERATING COSTS AND ULTIMATELY, CUSTOMER SATISFACTION.

Whilst the PRB Series are fully silenced for sound sensitive job sites, they also provide impressive power for the largest of demolition sites. The PRB Series (PRB130 upwards) benefit from, "Pro-Speed" Dual Speed Control System, Anti-Blank Firing System, Auto-Stop & Auto-Start, Rock Claws, and a single high pressure accumulator (PRB200 upwards).



TECHNICAL SPECIFICATION



Model	Working Weight (kg)	Required Oil Flow (lpm)	Operating Pressure (bar)	Impact Energy (max) - Low Speed (joule)	Impact Energy (max) - High Speed (joule)	Impact Frequency - Low Speed (bpm)	Impact Frequency - High Speed (bpm)	Tool Diameter (mm)	Tool Diameter (inch)	Excavator Weight Class (t)
PRB008	75	12-22	100-130	N/A	110	N/A	750-1300	42	1.65	0.7-1.5
PRB010	123	15-25	100-130	N/A	180	N/A	700-1200	45	1.80	0.7-3
PRB030	149	20-35	100-130	N/A	300	N/A	550-1000	50	2.0	1.5-4.5
PRB040	209	30-50	110-140	N/A	450	N/A	550-1000	58	2.3	2.5-6
PRB050	294	35-65	130-170	N/A	700	N/A	550-1000	68	2.7	3.5-8
PRB060	424	45-90	130-170	N/A	1000	N/A	520-1000	80	3.2	5-11
PRB100	537	60-110	140-180	N/A	1350	N/A	500-1000	93	3.7	7-15
PRB150	974	80-140	140-180	2500	2150	380-700	550-850	105	4.1	12-20
PRB170	1270	110-170	160-180	2800	2200	350-600	550-750	117	4.6	14-24
PRB200	1564	100-150	160-180	3500	2800	340-550	440-700	125	4.9	16-25
PRB250	1662	130-180	160-180	4300	3200	330-500	430-650	135	5.3	20-30
PRB300	2492	170-240	165-185	6100	4200	310-490	400-680	150	5.9	26-35
PRB400	3100	200-280	165-185	7600	6000	330-450	420-600	165	6.5	32-45
PRB500	4200	230-330	165-185	10400	7900	250-370	350-500	180	7.1	40-70
PRB700	6700	320-420	165-185	13000	10000	280-370	370-480	205	8.07	60-110
PRB1000	10070	410-530	165-185	17000	14000	260-340	360-470	245	9.65	85-140

HYDRAULIC HAMMERS

SL & NL

THE PRODEM SKIDSTEER AND BACKHOE SERIES HAVE BEEN SPECIFICALLY DESIGNED WITH THE OPERATOR IN MIND OFFERING EASE OF MOUNTING, INCREASED VISIBILITY AND IMPROVED PERFORMANCE.

“ THE PRODEM HAMMER IS THE BEST I’VE EVER USED. THEY ARE VERY RELIABLE AND IF YOU NEED A SPARE PART THEY’RE READILY AVAILABLE AND INEXPENSIVE. ”



SKIDSTEER SERIES – SL

Developed for skidsteer loaders to meet the market requirement of higher impact energy and optimal performance.



BACKHOE SERIES – NL

Developed for backhoe loaders to meet the required design for fold-away transportation by road.

Model	Working Weight (kg)	Required Oil Flow (lpm)	Operating Pressure (bar)	Blow Frequency (bpm)	Impact Energy (joule)	Tool Shank Diameter (mm)	Excavator Weight Class (t)
PRB040-SL	290	50-70	110-140	550-1000	450	Ø58	2.5-8.0
PRB050-NL	274	35-65	130-170	550-1000	700	Ø68	3.5-8.0
PRB060-NL	401	45-90	130-170	520-1000	1000	Ø80	5.0-11.0
PRB100-NL	485	60-110	140-180	500-1000	1400	Ø93	7.0-15.0

HYDRAULIC HAMMERS

PRIME SERIES BA & SA

HOSE SWIVELS

- » Swivel joint on main feed / return hoses
- » Standard from PRB130 to PRB700
- » Increased hose life
- » Easy servicing
- » Fully protected hoses

PRO-LUBE AUTOMATIC GREASING SYSTEM

- » Long service life
- » Ease of maintenance
- » Lower operating costs
- » Screw type replacement cartridges
- » Prolonged tool life



**PRO-LUBE AUTOMATIC
GREASING SYSTEM**



**HOSE
SWIVEL**

HEAVY DUTY SELECTOR GRABS

PRODEM HEAVY DUTY SELECTOR GRABS ARE DESIGNED FOR SELECTIVE DEMOLITION, SORTING AND LOADING OF RECYCLABLE MATERIALS.

BENEFITS OF PRODEM DEMOLITION-SORTING GRABS

- >> Low weight
- >> Short height
- >> Standard, reversible and changeable wear blades
- >> Motionless cylinders prevent hose wear
- >> Cylinders with end damping
- >> Long hinge arms to the cylinder for a greater closing power
- >> Turning joints sealed with heavy duty turning joint seals
- >> The grease nipples are easy to reach, direct into pin bushes the PSG600-D upwards have two rotate motors which gives increased rotate power
- >> One piece perforated shell skins manufactured from HARDOX – increased strength, lighter and more durable

**CONTINUOUS 360°
HYDRAULIC ROTATION**
Twin rotation motor ensures powerful and accurate equipment operation (Twin motors PSG600-D upwards)

**ROTATE MOTOR
PROTECTION VALVES**

SAFETY CHECK VALVE
To retain the grab force

**MAXIMUM CLOSING
AND GRAB FORCE**

UNIQUE FRAME DESIGN
Gives maximum protection

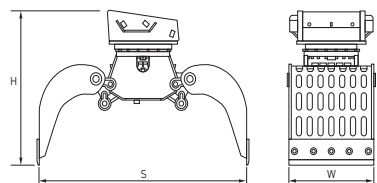
**WEAR RESISTANT
QUALITY MATERIALS**
Used for maximum durability and minimum downtime

**REPLACEABLE
CUTTING EDGE**
For easy and cost saving maintenance

WIDE OPENING
For higher capacity

“ I HAVE USED THE PRODEM SELECTOR GRABS NOW FOR MANY YEARS AND WOULD STRONGLY RECOMMEND THEM TO ANY USER. THEY’RE POWERFUL, EASY TO MAINTAIN AND SERVICE, STRONG AND STAND UP TO THE TOUGHEST JOBS. ”

TECHNICAL SPECIFICATION



- >> High quality manufacturing and quick delivery times for grabs and parts.
- >> To suit 0.7 - 200 ton Excavators

“ THE PRODEM PSG 13000-D IS THE WORLD’S LARGEST SELECTOR GRAB WEIGHING A MASSIVE 13 TONS. ”

Model	Working Weight (kg)	Pressure - Open/Close (bar)	Oil Flow - Open/Close (lpm)	Min Pressure - Rotation (bar)	Max Pressure - Rotation (bar)	Oil Flow - Rotation - L/Min (mm)	Width W (mm)	Max Opening S (mm)	Height H (mm)	Capacity (l)	Closing Force (kn)	Excavator Weight Class (t)
PSG75-D	75	300	15	150	170	5	300	600	600	30	6	0.7-1.2
PSG100-D	90	300	20	170	210	5	350	770	610	40	0.7	1-2
PSG150-D	140	300	25	150	170	10	450	750	700	70	15	1.2-3
PSG200-D	240	300	35	150	170	10	500	1160	850	100	20	2.5-5
PSG400-D	350	300	40	150	170	12	600	1400	950	150	23	4-8
PSG450-D	400	300	50	150	170	12	700	1500	1000	200	24	5-9
PSG452-D	450	320	70	190	210	15	700	1550	990	200	24	6-11
PSG500-D	600	350	90	190	210	15	600	1800	1150	300	30	7-12
PSG502-D	600	350	90	190	210	15	600	1800	1150	300	30	7-12
PSG503-D	600	350	90	190	210	15	600	1800	1150	300	30	7-12
PSG603-D	840	350	100	190	210	25	800	1800	1200	400	35	10-16
PSG803-D	1000	350	120	190	210	25	800	1950	1300	500	46	12-20
PSG903-D	1050	350	120	190	210	25	900	1950	1300	600	46	13-20
PSG1003-D	1100	350	120	190	210	25	1000	1950	1300	700	46	15-20
PSG1100-D	1400	350	150	190	210	35	900	2100	1500	750	55	16-24
PSG1202-D	1500	350	160	190	210	35	1000	2100	1500	800	68	17-28
PSG1402-D	1600	350	170	190	210	35	1200	2100	1500	850	68	20-28
PSG1702-D	1750	350	170	190	210	35	1200	2250	1430	900	80	23-30
PSG1802-D	1800	350	170	190	210	35	1200	2400	1425	950	80	24-35
PSG1900-D	2000	350	180	190	210	35	1200	2250	1650	900	80	25-38
PSG2500-D	2500	350	200	190	210	35	1200	2230	1700	1000	90	28-45
PSG2700-D	2700	350	200	190	210	35	1360	2230	1750	1100	90	30-50
PSG3000-D	3000	350	200	190	210	35	1500	2460	1800	1300	90	35-50
PSG4000-D	3910	350	250	190	210	40	1500	2850	1800	1500	110	40-65
PSG5000-D	5000	350	300	190	210	60	1500	3000	2000	1600	130	45-100
PSG13000-D	13000	350	350	220	250	100	1800	4400	3000	4600	180	100-200

MULTI PROCESSORS

THE PRODEM RANGE OF MULTI-PROCESSORS FEATURE INTERCHANGEABLE JAW SETS MOUNTED ON A SINGLE BASE PROVIDING THE EFFICIENCY OF SIX TOOLS IN ONE BODY.

BENEFITS OF PRODEM MULTI PROCESSORS

- » Enhanced crushing force by single-pin mechanism
- » Increased productivity by speed up valve, which makes work quick and effective
- » Maximum efficiency by user-friendly blade clearance adjustment system, which reduces the labour time
- » Six different jaw types suitable for all kinds of job application offering maximum versatility

“ THIS MACHINE IS INCREDIBLE! THE PERFORMANCE AND DURABILITY IS SECOND TO NONE MAKING LIGHT WORK OF ANY HEAVY DUTY METAL STRUCTURE CUTTING IT UP IN SECONDS. ”

SPEED-UP-VALVE

High speed jaw opening & closing

FULLY REVERSIBLE RECTANGULAR BLADES

For lower maintenance cost

SINGLE-PIN JAW MECHANISM

For enhanced shearing force and working and maintenance efficiency

USER-FRIENDLY BLADE CLEARANCE

Adjustment by using one adjusting nut

CUSTOMISED TOOTH TYPE

Welding type or replaceable type can be chosen

HARDENED TEETH

Made of special wear resistant steel

UNLIMITED 360° HYDRAULIC ROTATION

With heavy duty swing gear

PRESSURE RELIEF VALVE

Protecting hydraulic motor

SIX DIFFERENT INTERCHANGEABLE JAWS

for crushing, pulverizing, shearing and demolition

MULTI-PROCESSOR JAW OPTIONS



MOBILE SHEAR

Specially designed and engineered for heavy steel applications the MOBILE SHEAR JAW boasts a bolt on piercing tip to increase performance and serviceability.



UNIVERSAL JAW SET

The UNIVERSAL JAW SET can be used for concrete crushing and cutting steel together. Amount of work will be shortened by cutting materials as a fixed size.



SHEAR JAW SET

The SHEAR JAW SET can be used on all industrial demolition sites for cutting materials such as section bars, pipes, tanks, railway carriages, etc.



CRUSHING JAW SET

For the primary demolition operations. Bringing down the main structure of a building.



PULVERIZING JAW SET

For the secondary demolition operations. Starting to process the demolished materials. Separating reinforcing bar from concrete for example.



DEMOLITION JAW SET

Specially designed and engineered for mixed concrete and steel applications, combining the advantages of SHEAR JAW SET and CONCRETE JAW SET. Processing heavily reinforced concrete structures and concrete encased I-Beam steel barrels without jaw change.

Model	PMP 050-P	PMP 050-S	PMP 130-C	PMP 130-D	PMP 130-P	PMP 130-S	PMP 130-MS	PMP 220-C	PMP 220-D	PMP 220-P	PMP 220-S	PMP 220-U	PMP 320-C	PMP 320-D	PMP 320P	PMP 320-S	PMP 320-U	PMP 400-S	PMP 400-P	PMP 400D	PMP 400MS	PMP 400C	PMP 400N
Working Weight (kg)	380	380	1231	1330	1351	1256	1330	2040	2050	2210	1880	2350	3030	3001	3130	2990	3300	4575	4781	4635	4593	4694	4465
Overall Length (mm)	1100	1100	1940	1945	1972	1882	1870	2311	2276	2327	2160	2273	2533	2565	2563	2533	2681	2968	2971	3063	2937	2807	2545
Overall Width (mm)	580	580	1200	1187	1157	989	989	1483	1368	1508	1083	1189	1684	1560	1643	1332	1486	1612	1895	1879	1612	1970	1823
Max Jaw - Opening (mm)	430	220	643	629	647	366	412	903	797	893	503	611	1119	983	1008	573	753	676	1184	1209	707	1274	316
Cutting Blade - Length (mm)	100	100	214	214	219	319	446	237	355	237	348	450	240	461	240	563	600	631	264	507	775	264	517
Required Oil Flow (lpm)	30-50	30-50	100-180	100-180	100-180	100-180	100-180	150-250	150-250	150-250	150-250	150-250	200-300	200-300	200-300	200-300	200-300	280-360	280-360	280-360	280-360	280-360	150-250
Max Operating Pressure (bar)	250	250	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350
Max Crushing Force (t)	22	22	62	62	60	65	63	68	70	70	80	80	95	101	103	104	110	178	166	158	173	159	205
Excavator Weight Class (t)	2-10	2-10	9-14	9-14	9-14	9-14	14-20	20-28	20-28	20-28	20-28	20-28	28-40	28-40	28-40	28-40	28-40	36-52	36-52	36-52	36-52	36-52	36-52

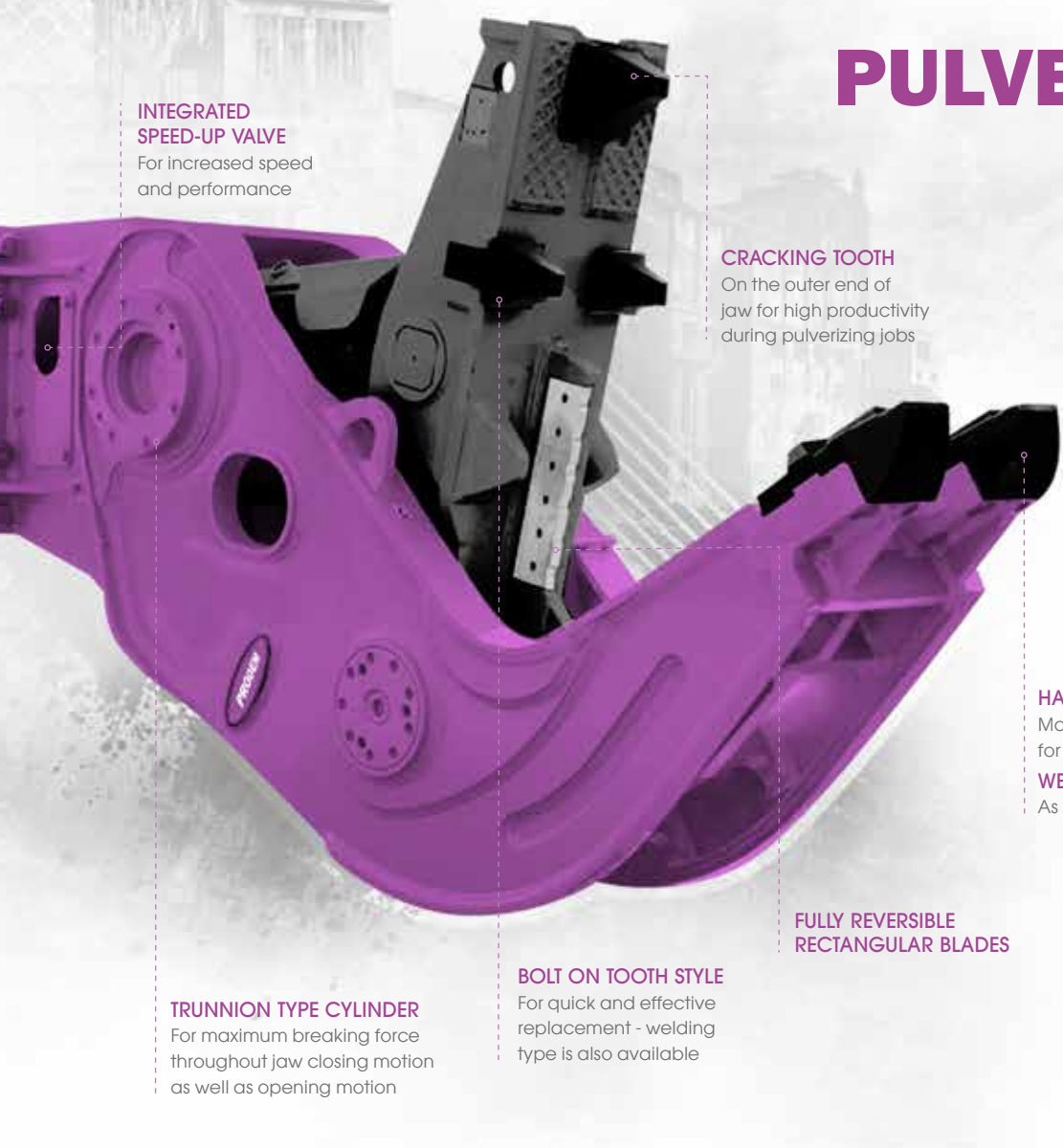
STATIC PULVERISERS

PRODUCED WITH INCREASED POWER AND DURABILITY USING STATE-OF-THE-ART TECHNOLOGY, PRODEM PULVERISERS HAVE BEEN DESIGNED FOR BOTH PRIMARY DEMOLITION WORK, SECONDARY CONCRETE REDUCTION AND MATERIAL PROCESSING.

BENEFITS OF PRODEM STATIC PULVERISERS

- >> Integrated speed up valve with cylinder for maximum efficiency and performance
- >> Trunnion-supported cylinder gives high breaking forces throughout the entire working cycle as well as stable movement
- >> Replaceable tooth system gives quick and effortless maintenance allowing high productivity
- >> Wide jaws, exceptional closing force and short cycle times means PRODEM pulverizers provide excellent productivity in concrete reduction and reinforced steel separation
- >> Advanced design and construction, using abrasive-resistant materials, has produced a powerful attachment with increased durability capable of handling the toughest of jobs

“THE PRODEM PHP HAS WORKED AN INCREDIBLE AMOUNT OF HOURS AND NEVER MISSED A BEAT. WITH BOLT ON WEAR PARTS IT NEVER NEEDS TO BE OFF THE FRONT LINE FOR LONG.”



INTEGRATED SPEED-UP VALVE
For increased speed and performance

CRACKING TOOTH
On the outer end of jaw for high productivity during pulverizing jobs

HARDENED TEETH
Made of special materials for enhanced durability
WELDED TOOTH TYPE
As standard

FULLY REVERSIBLE RECTANGULAR BLADES

BOLT ON TOOTH STYLE
For quick and effective replacement - welding type is also available

TRUNNION TYPE CYLINDER
For maximum breaking force throughout jaw closing motion as well as opening motion

TECHNICAL SPECIFICATION



Model	Working Weight (kg)	Overall Length (mm)	Jaw Width - Fixed (mm)	Jaw Width - Moving (mm)	Max Jaw - Opening (mm)	Cutting Blade - Length (mm)	Required Oil Flow (lpm)	Max Operating Pressure (bar)	Crushing Force - tip (t)	Excavator Weight Class (t)
PHP050	500	1245	370	252	630	100	50-80	210	43	4.5-8.0
PHP080	518	1275	340	290	478	110	80-100	300	39	7-10
PHP160	1100	1658	384	330	680	240	100-180	320	100	13-20
PHP190	1375	1985	438	350	732	240	150-250	320	106	16-25
PHP220	1890	2181	470	346	889	360	150-250	320	171	20-28
PHP320	2745	2371	532	370	1049	360	200-300	320	173	28-42
PHP420	3321	2633	550	436	1102	240	200-300	350	116	36-49

ROTATING PULVERISERS

PRODUCED WITH INCREASED POWER AND DURABILITY USING STATE-OF-THE-ART TECHNOLOGY, PRODEM ROTATING PULVERISERS HAVE BEEN DESIGNED FOR PRIMARY DEMOLITION WORK, SECONDARY CONCRETE REDUCTION AND MATERIAL PROCESSING.

BENEFITS OF PRODEM ROTATING PULVERISERS

- » Integrated speed up valve with cylinder for maximum efficiency and performance
- » Hydraulic 360° rotation unit enables limitless rotation for fast targeted positioning in all conditions
- » Trunnion-supported cylinder gives high breaking forces throughout the entire working cycle
- » Advanced design and construction, using abrasive-resistant materials, has produced a powerful attachment with increased durability capable of handling the toughest of jobs

360° ROTATION UNIT
Allowing fast and targeted positioning of materials

OPTIONAL BOLT ON TOOTH STYLE

HARDENED TEETH
Made of special materials for enhanced durability

FULLY REVERSIBLE RECTANGULAR BLADES
Made of special materials for enhanced durability

WIDE JAW OPENING
For a large demolition work surface

OPTIONAL BOLT ON TOOTH STYLE




“ I PURCHASED A PRODEM PHP350R FOUR YEARS AGO, AND ON THE STRENGTH OF IT'S PRODUCTIVITY, RELIABILITY AND LOW COST OF OWNERSHIP I HAVE RECENTLY TAKEN DELIVERY OF ANOTHER. ”

INTEGRATED SPEED UP VALVE
With cylinder delivering fast cycle times and increased power

TRUNNION-SUPPORTED TYPE CYLINDER
For maximum breaking force throughout the entire operation

TECHNICAL SPECIFICATION



Model	Working Weight (kg)	Overall Length (mm)	Jaw Width - Fixed (mm)	Jaw Width - Moving (mm)	Max Jaw - Opening (mm)	Cutting Blade - Length (mm)	Required Oil Flow (lpm)	Max Operating Pressure (bar)	Max Crushing Force (t)	Excavator Weight Class (t)
PHP050R	550	1382	465	208	508	100	50-80	210	50	4.5-8.0
PHP160R	1250	1840	384	330	720	240	100-180	320	100	13-20
PHP200R	1780	2078	438	350	766	240	150-250	320	170	17-28
PHP250R	2300	2468	470	346	925	360	150-250	320	196	22-30
PHP350R	2950	2663	532	370	1056	360	200-300	320	224	28-40
PHP450R	4219	3075	550	398	1142	1107	200-300	350	333	40-55

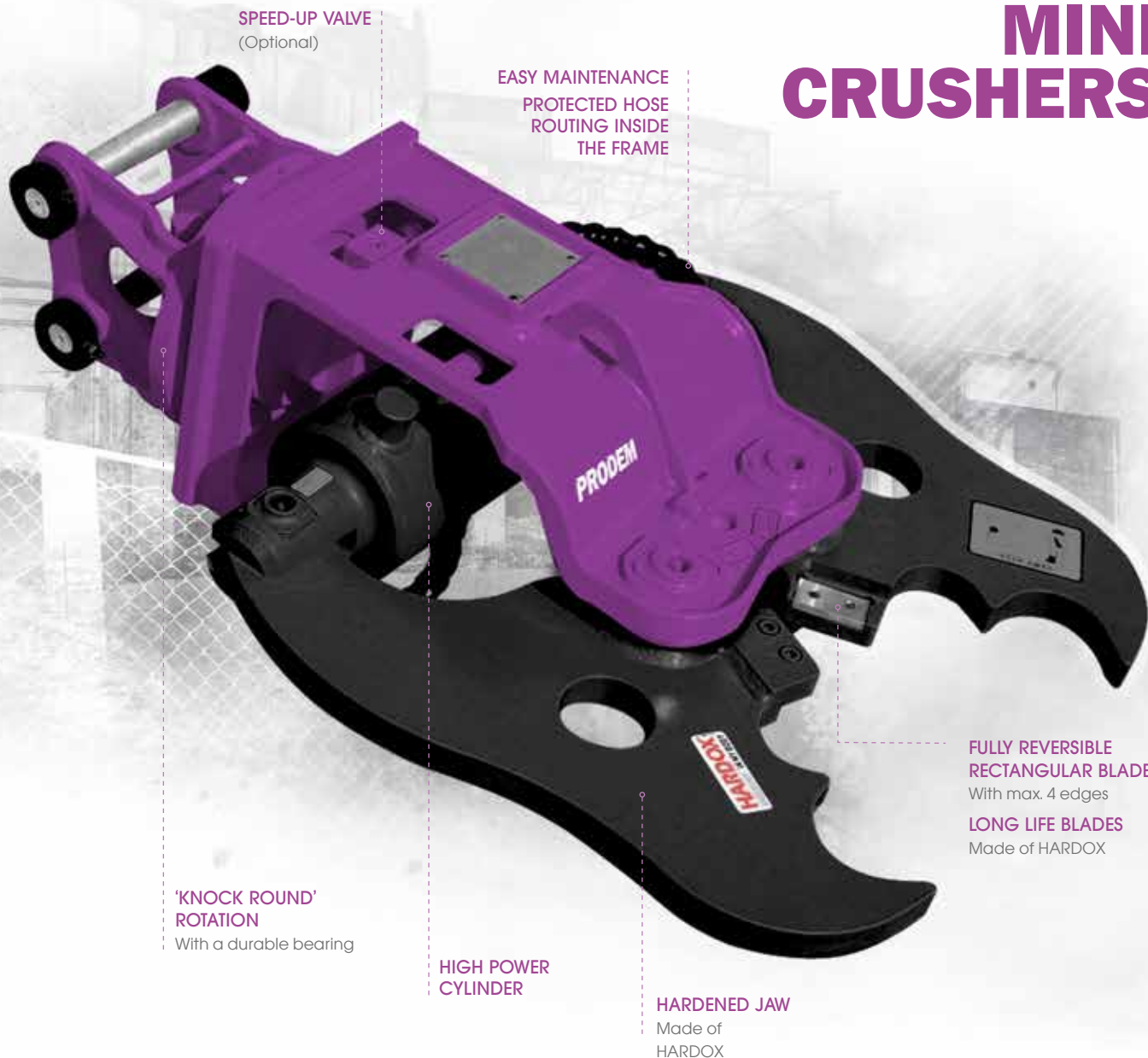
MINI CRUSHERS

PRODEM MINI CRUSHERS BOAST FULL ROTATION WITHOUT THE NEED TO HAVE A HYDRAULIC ROTATION CIRCUIT ON YOUR EXCAVATOR. AS AN OPTIONAL EXTRA THE PMC050 MODEL IS AVAILABLE WITH HYDRAULIC ROTATION.

BENEFITS OF PRODEM ROTATING PULVERISERS

- >> Hardened jaw made of HARDOX steel
- >> Wide jaw opening for a large demolition work surface
- >> Easy maintenance
- >> Light weight but rigid body frame

NO ROTATION CIRCUIT? NO PROBLEM. FOR MAXIMUM PERFORMANCE AND PRODUCTIVITY ON MINI EXCAVATORS THE PMC RANGE BOASTS A KNOCKROUND ROTATION SYSTEM AND THEREFORE DOESN'T REQUIRE A HYDRAULIC ROTATION CIRCUIT ON THE EXCAVATOR



SPEED-UP VALVE
(Optional)

EASY MAINTENANCE
PROTECTED HOSE
ROUTING INSIDE
THE FRAME

'KNOCK ROUND'
ROTATION
With a durable bearing

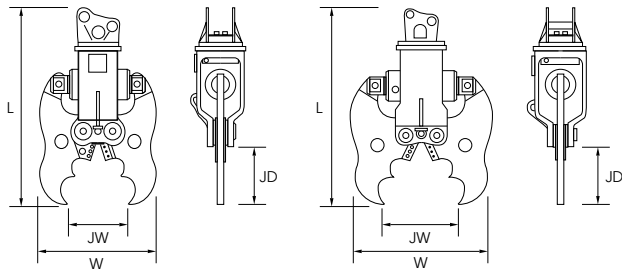
HIGH POWER
CYLINDER

HARDENED JAW
Made of
HARDOX

FULLY REVERSIBLE
RECTANGULAR BLADES
With max. 4 edges

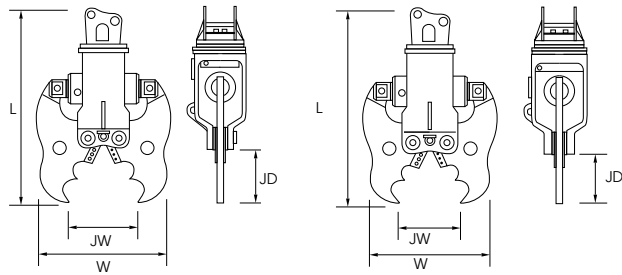
LONG LIFE BLADES
Made of HARDOX

TECHNICAL SPECIFICATION



PMC015

PMC020



PMC025

PMC030



Model	Working Weight (kg)	Overall Length L (mm)	Overall Width W (mm)	Max Jaw - Opening JW (mm)	Max Jaw - Depth JD (mm)	Jaw Thickness (mm)	Cutting Blade - Length (mm)	Required Oil Flow (lpm)	Max Operating Pressure (bar)	Crushing Force - tip (bar)	Max Crushing Force - Point A	Rotation Type	Excavator Weight Class (t)
PMC015	143	969	659	320	258	30	60	15-35	210	210	36	Free	1.5-2
PMC020	191	1031	709	370	294	40	80	20-40	230	230	47	Free	2-3
PMC025	224	1104	800	430	338	40	80	25-45	270	270	62	Free	2.5-3.5
PMC030	308	1195	776	430	367	50	90	30-50	270	270	64	Free	3-4.5
PMC050	480	1362	850	520	N/A	96	100	50-80	210	N/A	99	Free/Hyd. Optional	4.5-8

DEDICATED SHEARS

SPEED VALVE
REDUCES
CYCLE TIMES

CYLINDERS
INCREASE
POWER BY 20%

REPLACEMENT JAW
PROTECTION PLATE

» **JAW PROTECTION SYSTEM**

Weld on upper jaw protection reduces maintenance and build-up on upper jaw.

» **BOLT-ON PIERCING TIP AND BLADES**

The blade design reduces stress and wear on the upper jaw. Every blade can be turned up to 4 times on different sides and are easy to replace.

» **INNOVATIVE SPEED VALVE**

Reduces cycle times, regenerates power when needed and protects the shear, eliminates internal oil pressure peaks.

» **DUAL UPPER JAW GUIDES**

Assures perfect alignment every time. Guides on either side of upper jaw increase cutting power, efficiency and production.

» **FIXED JAW DESIGN**

With increased cut performance, the cut materials can easily exit.

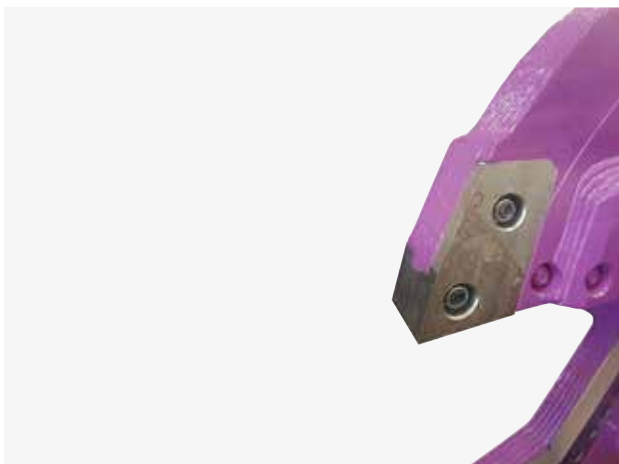
» **360 DEGREE ROTATION**

Anti-cavitation valve and continuous 360 degree rotation allows perfect positioning of the shears.

» **FULLY PROTECTED, HIGH POWER CYLINDER**

With bolt on access panels for ease of service

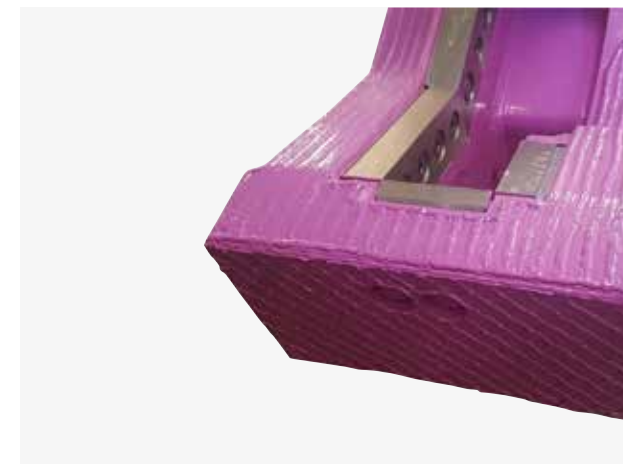
“ **ONE OF THE MOST POWERFUL SHEARS I HAVE EVER USED. ENGINEERED FOR THE TOUGHEST ENVIRONMENTS WITH THE PERFECT SHAPE FOR ULTIMATE VISIBILITY – A NEW GENERATION OF SHEAR DESIGN.** ”



SPEED VALVE REDUCES CYCLE TIMES



CYLINDERS INCREASE POWER BY 20%



REPLACEMENT JAW PROTECTION PLATE

TECHNICAL SPECIFICATION

Model	Working Weight (kg)	Dipper mounted (t)*	Boom Mounted (t)*	Max jaws opening (mm)	Total length (mm)	Jaws depth (mm)	Rotation Oil flow (l/m)	Rotation pressure (bar)	Min flow open / close (l/m)	Max flow open / close (l/m)	Open/close pressure (bar)
PDS030R	300	3.5-5.5	1.5-3.5	265	1330	230	5	120	80	100	250
PDS050R	465	4.5-9	2.5-4.5	340	1725	320	10	120	80	150	280
PDS070R	880	7-14	3.5-8	405	2180	370	10	140	100	150	340
PDS120R	1180	11-20	6-12	475	2300	385	10	140	150	250	340
PDS200R	2050	17-25	9-18	535	2660	445	10	140	180	250	340
PDS250R	2650	22-32	15-22	570	2950	505	10	140	200	300	340
PDS300R	3000	29-41	19-27	615	3130	545	10	140	200	300	340
PDS400R	4030	39-53	24-32	660	3420	610	10	140	300	400	340
PDS500R	4800	48-63	29-38	725	3660	675	10	140	350	450	340
PDS550R	6200	58-73	33-43	780	3905	690	30	140	400	500	340
PDS700R	7900	73-105	43-60	845	4190	710	30	140	450	600	340
PDS900R	10300	105-165	60-100	920	4400	780	50	140	500	800	340
PDS1600R	16700	125-225	80-150	1100	5440	1080	50	250	800	1000	340
PDS2000R	19500	180-310	125-210	1180	5580	1130	50	140	900	1200	340

*Refers to Excavator Weight Class (t)

ROTARY SCREENING BUCKET

THE PSB RANGE OF ROTARY SCREENING BUCKETS ARE DESIGNED TO SCREEN SITE MATERIAL FOR REUSE.

IDEAL FOR WASTE MATERIAL SELECTION ON DEMOLITION SITES, AGGREGATE RECOVERY ON CONSTRUCTION AND BUILDING RENOVATION SITES, ORGANIC WASTE SEPARATION IN LANDFILL SITES, FILLING CONTAINMENT CAGES, COVERING PIPES IN PIPELINE WORKS, AND MUCH MORE.

BENEFITS OF PRODEM ROTARY SCREENING BUCKET

- » Exclusive wide inlet profile to facilitate material loading
- » Integrated high pressure relief valve to protect against pressure peaks
- » 4-piece interchangeable screening net, available in a variety of sizes (20-150mm), makes replacement quick and easy
- » Double turn bearing to support the screening bucket
- » Drum protection - limiting wear from the elements
- » Bolt on wear edges making replacement simple, reducing down time and maximising productivity
- » PSB120R upwards also features a tapered bottom to increase the screening surface and maximise productivity

Also available in a wheel loader version.

EASY ACCESS FOR INSPECTIONS

FRAME PROTECTION FOR HYDRAULIC COMPONENTS

4 PIECE INTERCHANGEABLE SCREENING NET

DOUBLE TURN BEARING

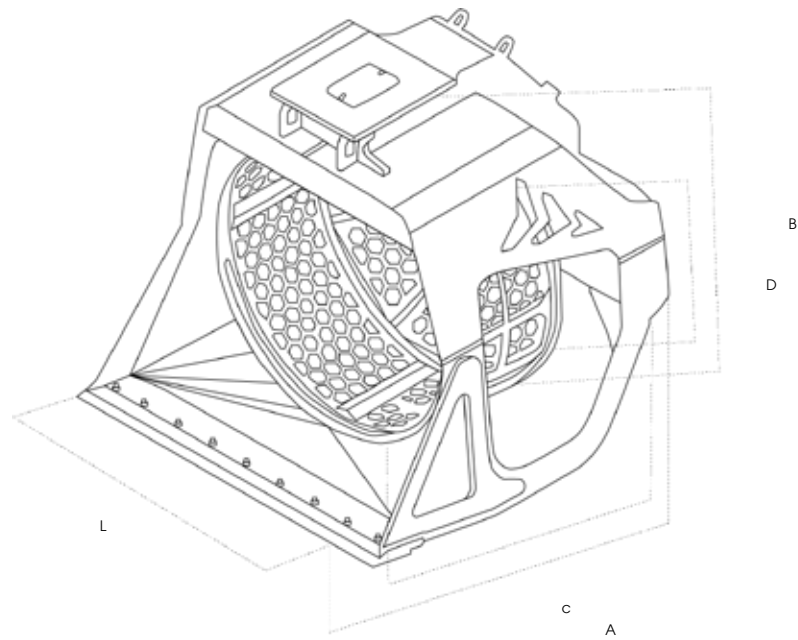
BOLT ON WEAR EDGE

INTEGRATED HIGH PRESSURE RELIEF VALVE

EXCLUSIVE WIDE INLET PROFILE

DRUM PROTECTION

TECHNICAL SPECIFICATION



Model	Excavator Weight Class (t)	Working Weight (kg)	Depth A (mm)	Height B (mm)	Basket Width C (mm)	Basket External Diameter D (mm)	Inlet Width L (mm)	Working Capacity (M3)	Max Working Pressure (bar)	Max Oil Flow (l/min)	Swing Speed (rpm)
PSB030R	1.4 - 2.8	110	740	630	320	500	520	0.08	120	30	24/32
PSB040R	2.5 - 5.5	250	1070	805	445	640	700	0.2	120	50	18/24
PSB050R	4.5 - 9	350	1175	930	515	750	800	0.3	120	50	18/24
PSB100R	7 - 14	860	1450	1170	695	900	1100	0.4	120	60	18/24
PSB120R	12 - 18	1540	1730	1500	805	1170	1440	0.75	220	80	18/35
PSB200R	16 - 23	1570	2190	1650	925	1340	1400	0.9	220	80	18/35
PSB250R	21 - 33	2440	2080	1900	985	1560	1900	1.1	220	80	18/35
PSB300R	30 - 45	2550	2600	2000	1040	1700	1750	1.5	220	80	18/35
PSB500R	40 - 65	4900	2950	2410	1360	2000	2120	2.7	220	80	18/27

PIPE LIFTER

EXCAVATOR PIPE LIFTER FOR USE WITH A QUICK HITCH OR DIRECTLY MOUNTED TO YOUR EXCAVATOR

BENEFITS OF PRODEM PIPE LIFTER

- >> 4t Working Load Limit
- >> Pipe insertion pusher heels
- >> Adjustable pin centres fit most excavators
- >> 65mm and 80mm pins
- >> 2.5m pipe length capacity
- >> 1.8m beam length capacity

WILL (kg)	H (mm)	W (mm)	L (mm)	Weight (kg)	Beam L (mm)	Cap (mm)
2000	650	500	2400	230	1500	2000
4000	650	500	2700	300	1800	2500

PALLET FORKS

PRODEM PALLET FORKS ENABLE YOU TO MAXIMIZE THE PRODUCTIVITY OF YOUR EXCAVATOR WHILST IMPROVING SAFETY ON CONSTRUCTION SITES.

BENEFITS OF PRODEM PALLET FORKS

- >> Suited to machines between 5-50t
- >> Adjustable pin centres
- >> Self-Levelling
- >> Adjustable forks
- >> Storage slots for pins
- >> Supplied with two sets of pins
- >> Flip back forks for site safety

THE PERFORMANCE AND DURABILITY IS SECOND TO NONE, INCREASING SITE SAFETY AND EASE OF STORAGE.



Pin Size (mm)	Max Fork Reach (mm)	Max Fork Width (mm)	S.W.L (kg)	Working Weight (kgs)	Excavator Weight Class (t)
45-60 mm	1050	880	1000	220	5-8
60-80 mm	1200	1000	2000	370	10-24
90-110mm	2385	1390	4000	525	30-50

PROQUICK COUPLER

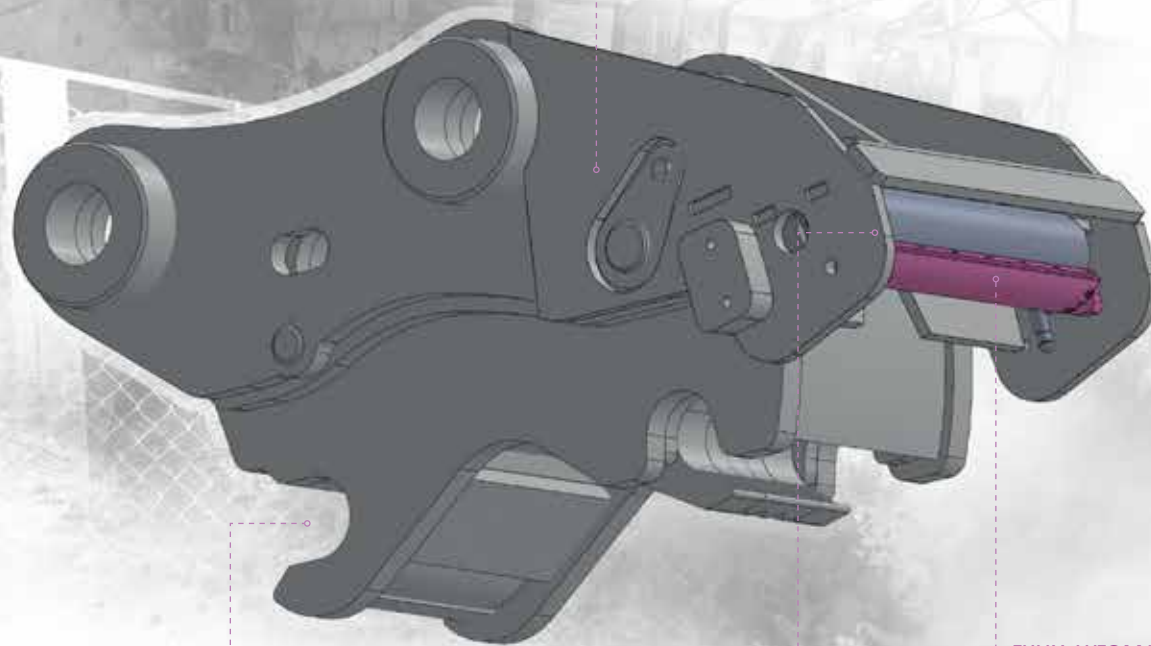
**PRODEM PROQUICK IS THE ONLY
DOUBLE-LOCKING AUTOMATIC
COUPLER ON THE MARKET THAT CAN
PICK UP ALL STANDARD BUCKETS
WITH NO MODIFICATION.**

A COMPLETE SOLUTION

Very versatile and
economically viable.

FEATURES AND BENEFITS OF PRODEM PROQUICK

- >> Can be used on ALL brands of attachments and existing quick couplers
- >> Resulting in improved time and cost efficiency
- >> Enables the operator to pick up standard buckets/ attachments. No need to change the existing bracket
- >> The Proquick can be connected at full system pressure (420 bar) Unlike any other coupler system
- >> Unique and patented design. Made in Germany
- >> Fully automatic dirt protection system
- >> Will also connect electricity and water lines
- >> Optimised oil flow. Up to 830 litres per minute
- >> No loss of oil during change over



TWIN LOCKING
SAFETY

UNIQUE AND
PATENTED DESIGN

FULLY AUTOMATIC DIRT PROTECTION SYSTEM

Provides optimal protection
from dirt, dust and weather
conditions.

TECHNICAL SPECIFICATION

Excavator Weight Class (t)	Model	Number of Connections	Flow Rate (l/min)
8 - 10 Tons	PQ060	3	82/143
		2	18/33
12 - 14 Tons	PQ150	3	204
		2	33
20 - 22 Tons	PQ200	3	270
		2	41
24 - 30 Tons	PQ250	3	312
		2	41
33 - 38 Tons	PQ300	3	408
		2	43
45 Tons	PQ400	3	408
		2	43
50 Tons	PQ500	3	483
		2	53
70 Tons	PQ700	3	596
		2	53

PROQUICK COUPLER TECHNOLOGY

FULLY AUTOMATIC PROTECTIVE CAP

On the carrier and attachment
for 100% dirt protection

PRODEM PROQUICK PROVIDES A COMPLETE AND SIMPLE SOLUTION AND IS THE FASTEST AND MOST RELIABLE HYDRAULIC COUPLER SYSTEM ON THE MARKET.

PATENTED SOLUTION WITH 100% DIRT PROTECTION

This innovative patented quick-coupling solution has been designed and developed working closely with the construction industries across Europe. It is the only Coupler System with a fully automatic protective cap on the carrier and on the attachment for 100% dirt protection.

ALWAYS THE BEST TOOL

With our Hydraulic Coupler System, retooling times are extremely short. You can change your equipment in the blink of an eye and always work with the best tool.

THE HYDRAULIC COUPLING
SYSTEM OPENS ONLY AT THE
MOMENT OF THE COUPLING



“ WE WERE AMAZED BY HOW QUICKLY AND EASILY THE PROQUICK COUPLER SYSTEM COULD BE INTEGRATED INTO OUR EXISTING QUICK COUPLER. THE EXCAVATOR, FOR EXAMPLE, DID NOT HAVE TO BE RETOoled. THIS IS REALLY SOPHISTICATED TECHNOLOGY, DOWN TO THE SMALLEST DETAIL. ”



EASY AND VERSATILE MOUNTING

Adaptor mount style enables the PRODEM compactors to be mounted to any carrier in the recommended weight class

HYDRAULIC COMPACTORS

PRODEM HYDRAULIC COMPACTORS MAXIMIZE PRODUCTIVITY AND MINIMIZE EXCAVATOR DOWNTIME WHILST IMPROVING SAFETY WHEN COMPACTING MATERIAL IN DEEP EXCAVATIONS AND EMBANKMENTS.



SINGLE HOSE BLOCKS

Valve pack as standard – flow control valve (priority flow divider) regulates hydraulic in-flow to the motor and prevents over-speeding. Thus, the compactor can be installed on carriers not equipped with a flow control valve on its auxiliary plumbing

SELF-ALIGNING BEARING

Self-aligning double row spherical roller bearing provides a long service life to rotating components

CUSHION RUBBER

Specially designed cushion rubbers protect the machine and operator from vibrations

HEAVY DUTY GEAR MOTOR

Heavy duty and high efficiency gear motor with splined shaft and high pressure motor seals prevent easy damage caused by pressure shock during startup and shutdown

EASY MAINTENANCE

No greasing required due to the housing acting as an oil bath

>> CROSS-CHECK VALVE AS STANDARD

Built-in cross check valve within motor protects the motor and bearing from damage caused by abrupt shutdown of hydraulic flow. It also eliminates the need for a case drain.

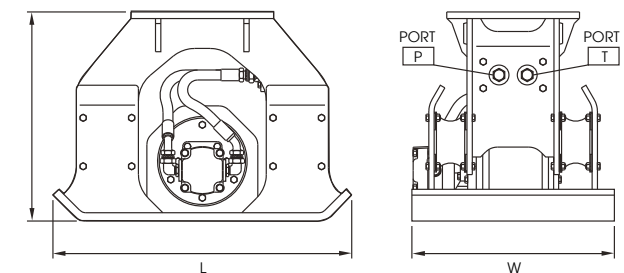
>> VALVE PACK AS STANDARD

Flow control valve (priority flow divider) regulates hydraulic in-flow to the motor, prevents over-speeding and means the compactor can be installed on carrier not equipped with a flow control valve on its auxiliary plumbing.

THE PRODEM COMPACTOR PLATES ARE 100% MAINTENANCE FREE, THEY OFFER A MASSIVE COMPACTION FORCE AND GREAT RELIABILITY.



TECHNICAL SPECIFICATION



ADAPTER MOUNT STYLE (FLAT TOP) - PA SERIES

Model	Working - Adapter Mount Type (kg)	Baseplate Size - w x l (mm)	Impulse Force (t)	Vibrations (per minute)	Excavator Weight Class (t)	Required Oil Flow (lpm)	Operating Pressure (bar)
PHC050N	261	320 x 745	2.1	2100	4-6	45-65	100-220
PHC050G	341	500 x 800	2.1	2100	4-6	45-65	100-220
PHC100	430	610 x 900	4	2000	6-13	50-120	100-138
PHC150	689	740 x 1050	6.4	2000	11-20	80-170	100-138
PHC200	1094	860 x 1200	11.2	2000	17-27	110-200	100-138
PHC300	1502	1000 x 1300	17.3	2000	26-40	160-250	100-138

DIGGING CLAMSHELLS

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

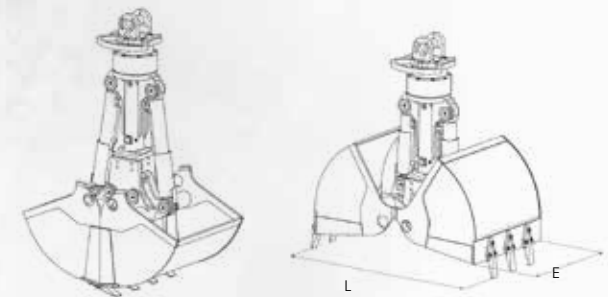
All models throughout the range have interchangeable shells that can be changed by 3 point pin on system

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 Rotary Engine (t)	Material Weight Up (t/m ³)	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

REHANDLING CLAMSHELLS

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

CUTTING EDGES

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

SHELLS

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

SHELL COVERS (OPTIONAL)

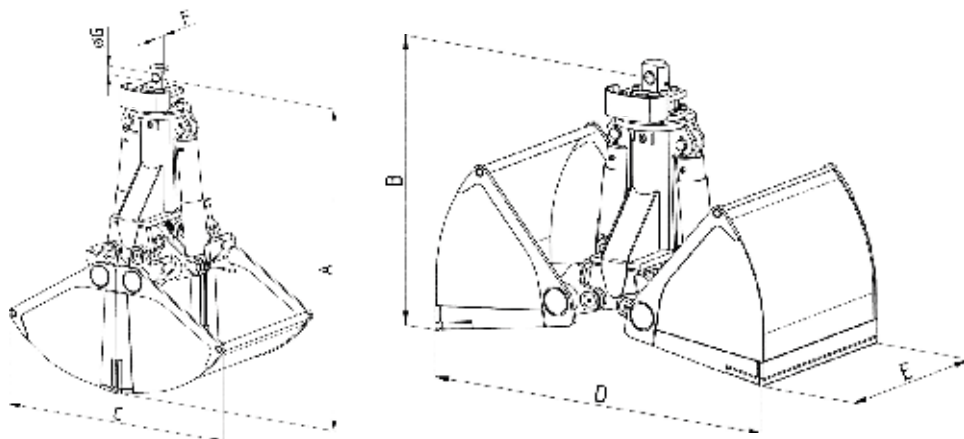
Available with steel covers when handling light materials

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.

“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	Max. Grab Capacity (t)	Max. Rotation Load (t)	Material Weight Up (t/m ³)	Working Pressure - Rotation (bar)	Working Pressure - Open/Close (bar)	Max. Capacity - Rotation (l/min)	Max. Capacity - Open/Close (l/min)	Excavator Weight Class (t)
RCS4	4	15	2	140	300	35	110	12-21
RCS4/MH	4	15	2	140	300	35	110	18-25
RCS5	8	15	3	140	320	35	140	22-35
RCS5/MH	8	15	3	140	320	35	140	26-45
RCS6	12	25	3	200	320	50	170	36-50
RCS6/MH	12	25	3	200	320	50	170	46-80

Model	Capacity (l)	Working Weight (kg)	Shell Width E (mm)	Height A (mm) (Closed)	Height B (mm) (Open)	Width C (mm) (Closed)	Width D Opening (mm)	Rotator Connection Width F (mm)	Mounting Pin Diameter G (mm)
RCS4-1000	1000	1325	1100	2480	1780	1770	2130	114	70
RCS4-1200	1200	1400	1400	2480	1780	1770	2130	114	70
RCS4-1400	1400	1475	1600	2480	1780	1770	2130	114	70
RCS5-1500	1500	1900	1200	2500	1730	1980	2360	114	70
RCS5-2000	2000	2100	1600	2500	1730	1980	2360	114	70
RCS5-2500	2500	2300	2000	2500	1730	1980	2360	114	70
RCS6-2000	2000	2920	1200	3130	2120	2390	2860	149	80
RCS6-2500	2500	3100	1500	3130	2120	2390	2860	149	80
RCS6-3000	3000	3280	1800	3130	2120	2390	2860	149	80

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

RAIL SPEC DIGGING GRABS

PRODEM RAIL SPEC DIGGING GRABS OFFER DIGGING SOLUTIONS FOR ALL EXCAVATORS WITH LIMITED SPACE AND MANOEUVRABILITY.

BENEFITS OF PRODEM RAIL SPEC DIGGING GRABS

- » Shortened version specifically for track construction on 2-way excavator
- » Shells interchangeable with 3-point plug-in system
- » Compact rotary motor endless hydraulic rotation
- » Side and bottom cutting edges made of high strength steel (450 HB)
- » Mechanical opening and closing strokes piston rod protection
- » Hose guard for the hydraulic connections to the rotary motor
- » Forged 2-hole bolt-on teeth

ROTATION MOTOR

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

RAM GUARD

Offers full protection of cylinder

DIGGING SHELLS

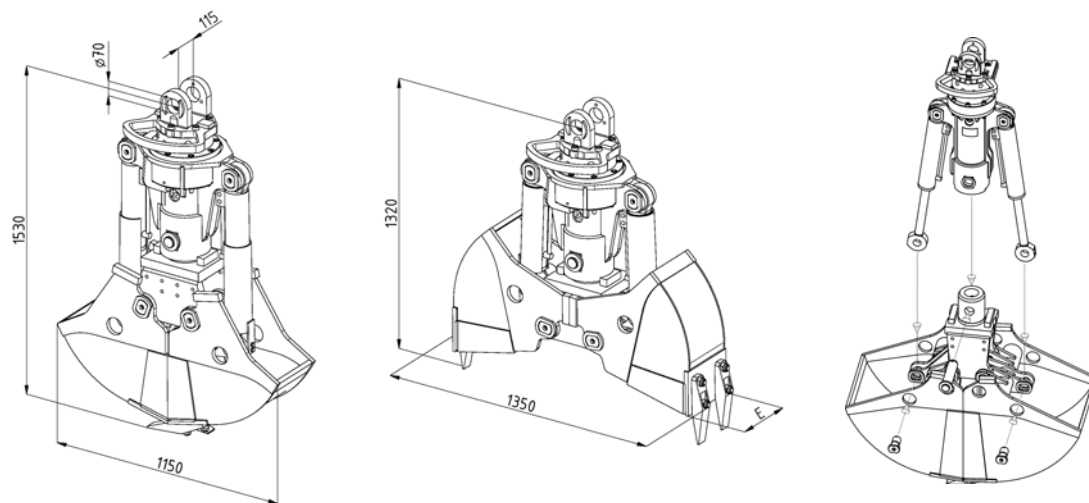
All models throughout the range have interchangeable shells that can be changed by 3 point pin on system

TEETH

Bolt on replaceable forged teeth

THE PRODEM DCS25RW HAS BEEN DESIGNED SPECIFICALLY FOR THE RAIL INDUSTRY, YET IT STILL HAS THE BENEFIT OF THE QUICK CHANGE SHELL SYSTEM AND THE HIGH CLOSING FORCE.

TECHNICAL SPECIFICATION



Model	Content - SAE (l)	Working Weight (kg)	Cutting Width E (mm)	Number Of Teeth
DC2.5RW-290	115	620	290	3
DC2.5RW-300	125	650	300	3
DC2.5RW-400	165	675	400	3
DC2.5RW-500	205	710	500	5
DC2.5RW-600	250	740	600	5
DC2.5RW-700	290	790	700	7
DC2.5RW-800	330	840	800	7

Technical Data				
Excavator Weight Class	t		13-21	
Load-Bearing Cap. Max.	t		Grab: 2 / Rotating Motor: 10	
Bulk Weight To	t/m ³		2	
Operating pressure max	bar		300 (Grab Function) / 250 (Rotation Function)	
Closing force max	kN		64	
Hyd. Connections			Rotation: G1/2/ Open/Close: G 3/4	
Max. Oil flow	l/min		Rotation: 25 / Open/Close: 60	

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

ORANGE PEEL GRABS

PRODEM ORANGE PEEL GRABS ARE AVAILABLE IN A NUMBER OF DIFFERENT STYLES. THE MT SERIES OFFERS ULTIMATE POWER AND RELIABILITY WITH SLEW RING/MOTOR PROTECTION, EASY ACCESS TO HYDRAULIC CYLINDERS VIA PROTECTION COVER.

ROTATION MOTOR

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

CYLINDER PROTECTION

Full cylinder over-stroke protection

SHELLS

Made from high-strength fine-grain steel, three, four and five shell versions available

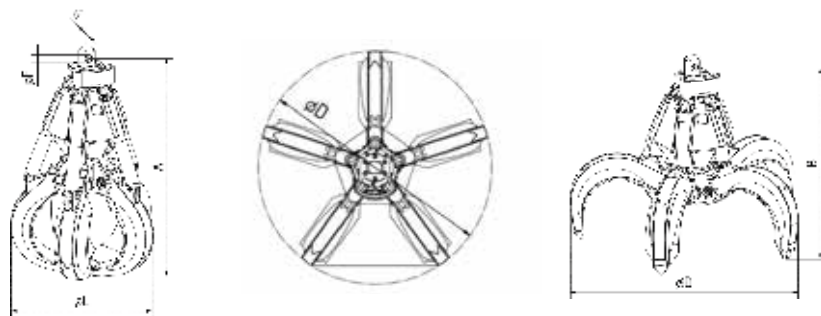
TIPS

Forged manganese-replaceable

BENEFITS OF PRODEM ORANGE PEEL GRABS

- » Forged manganese-replaceable tips
- » Full cylinder over-stroke protection
- » Fully protected compact rotary motor, endless hydraulic rotation with integrated pressure limitation
- » High-strength fine-grain steel shells. Three, four and five shell versions available
- » Hose protection shield

TECHNICAL SPECIFICATION



» The PRODEM Orange Peel Grab range offers grabs from a 300-1250 litre volume to suit every need.

“ WE’VE FOUND THE PRODEM SCRAP GRABS TO BE VERY RELIABLE, PARTICULARLY WITH THEIR SLEW RING SYSTEM. THEY ARE BUILT TO A VERY HIGH LEVEL OF QUALITY AND OFFER GREAT PERFORMANCE AND RELIABILITY. ”

Model	Excavator Weight Class (t)	Max. Grab Capacity (t)	Max. Rotation Load (t)	Working Pressure - Rotation (bar)	Working Pressure - Open/Close (bar)	Max. Flow - Rotation (l/min)	Max. Flow - Open/Close (l/min)
MT3.2	13-20	2	10	140	350	35	90
MT3.5	16-20	4	15	140	300	35	90
MT3.5/MH	19-23	4	15	140	300	35	90
MT4.5	20-30	8	15	140	350	35	115
MT4.5/MH	22-40	8	15	140	350	35	115
MT5.5	30-45	10	20	140	300	30	90
MT5.5/MH	40-70	10	20	140	300	30	90

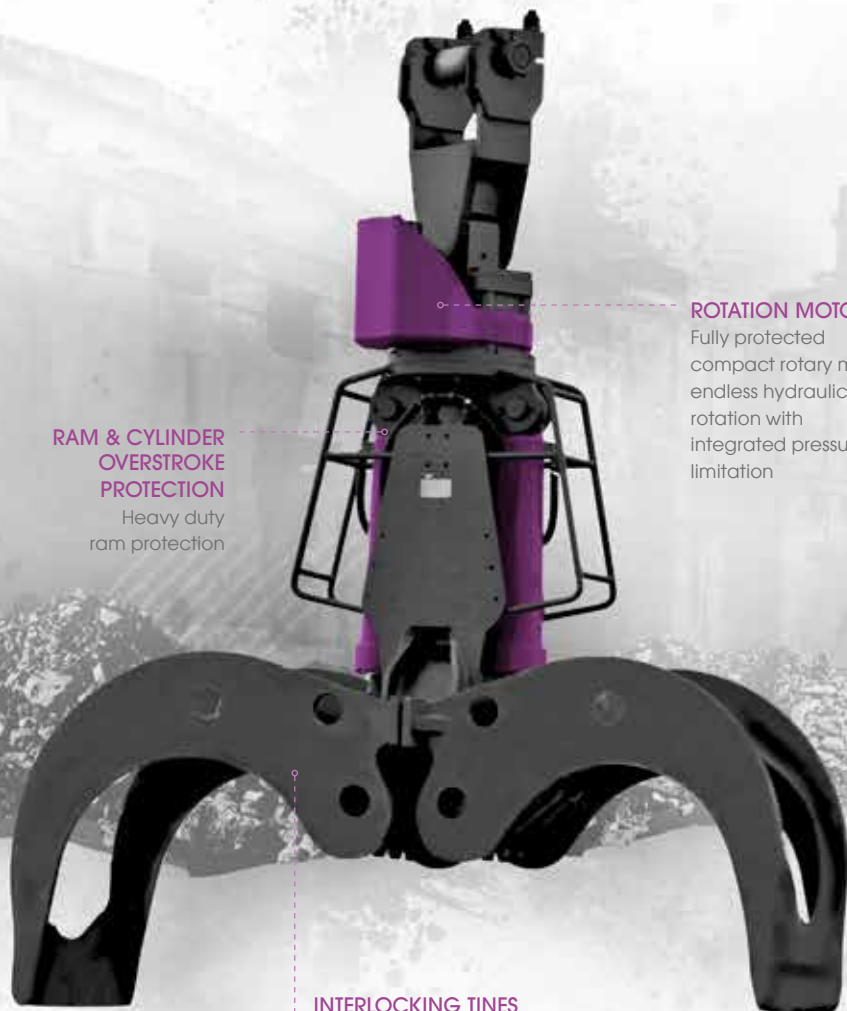
Model	Capacity (l)	Working Weight (kg)	Diameter (mm) (Open)	Height A (mm) (Closed)	Height B (mm) (Open)	Width C (mm) (Closed)	Width D (mm) (Open)	Rotating Connector Width G (mm)	Mounting Pin Diameter F (mm)
MT3.2-500-5	500	970	2200	2050	1680	1320	2040	114	70
MT3.5-300	300	1405	1930	2140	1760	1250	2100	114	70
MT3.5-400	400	1450	2065	2210	1785	1310	2250	114	70
MT3.5-600	600	1480	2230	2335	1845	1390	2430	114	70
MT4.5-400	400	1730	1930	2190	1830	1340	2100	114	70
MT4.5-600	600	1805	2160	2315	1775	1450	2340	114	70
MT4.5-800	800	1940	2435	2485	1930	1510	2650	114	70
MT4.5-1000	1000	1980	2620	2590	1970	1630	2860	114	70
MT4.5-1250	1250	2010	2805	2700	2000	1710	3060	114	70
MT5.5-600	600	2245	2240	2395	2030	1530	2440	149	80
MT5.5-800	800	2315	2425	2490	2070	1590	2640	149	80
MT5.51000	1000	2400	2600	2610	2100	1660	2840	149	80
MT5.5-1250	1250	2515	2890	2750	2150	1880	3150	149	80

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

TIMBER GRABS

PRODEM OFFER TWO STYLES OF TIMBER GRABS SUITABLE FOR MATERIAL HANDLERS AND EXCAVATORS FROM 2-65 TON OPERATING WEIGHT.

THE PRODEM TIMBER GRABS CAN BE CUSTOMISED TO SUIT MOST APPLICATIONS AND REQUIREMENTS.



RAM & CYLINDER OVERSTROKE PROTECTION

Heavy duty ram protection

ROTATION MOTOR

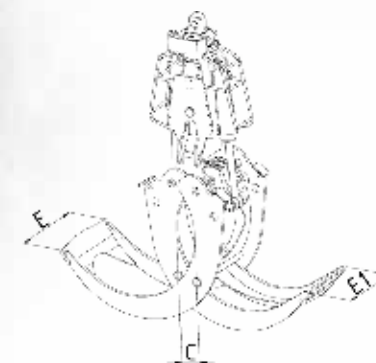
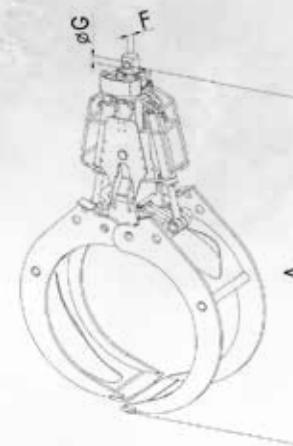
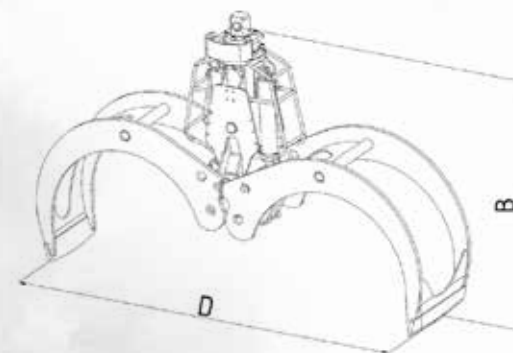
Fully protected compact rotary motor, endless hydraulic rotation with integrated pressure limitation

INTERLOCKING TINES

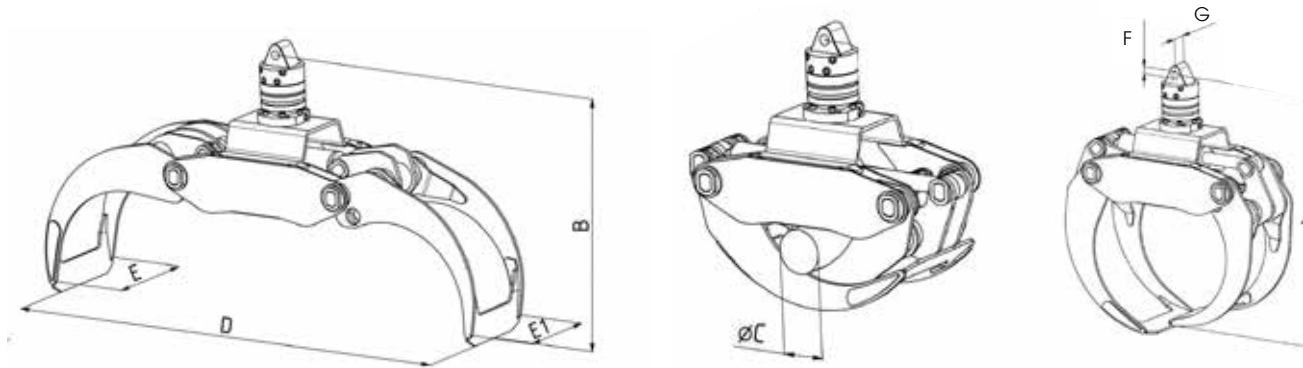
Allowing a tight clamping of the log or trunk

WEAR RESISTANT QUALITY MATERIALS

Used for maximum durability and minimum downtime



TECHNICAL SPECIFICATION



Model	Volume (m ³)	Working Weight (kg)	E+E1 (mm)	Height A Closed (mm)	Height B Open (mm)	Min Log Dia. C (mm)	Max Opening D (mm)	Rotation Connection Width G (mm)	Mounting Pin Diameter F (mm)	Material Handler Weight Class (t)	Excavator Weight Class (t)
TG028-L	0,28	185	335/375	1060	980	90	1280	84	30	2-7	2-7
TG035-L	0,35	235	470/520	1190	1115	100	1950	84	30	2-7	2-7
TG030	0,30	361	410/480	1315	1100	110	1890	90	40	2-7	8-14
TG040	0,40	441	460/530	1345	1130	150	2005	90	40	8-14	8-14
TG050	0,50	471	460/530	1410	1170	180	2145	90	40	8-14	8-14
TG4-500	0,5	780	520/660	2410	1960	150	1820	115	70	18-25	15-21
TG4-650	0,65	830	520/660	2490	2000	150	1950	115	70	18-25	15-21
TG4-800	0,8	900	660/860	2660	2085	200	2255	115	70	18-25	15-21
TG4.5-800	0,80	1385	840/700	2760	2095	50	2380	114	70	22-35	20-30
TG4.5-1000	1,0	1465	840/700	2830	2145	90	2515	114	70	22-35	20-30
TG4.5-1250	1,25	1515	840/700	2960	2190	110	2765	114	70	22-35	20-30
TG4.5-1500	1,5	1525	840/700	3080	2230	125	2990	114	70	22-35	20-30
TG4.5-1750	1,75	1700	840/700	3190	2240	150	3190	114	70	22-35	20-30
TG4.5-2000	2	1900	840/700	3315	2315	240	3465	114	70	22-35	20-30
TG5.5-1250	1,25	2200	840/700	3260	2460	100	3825	149	80	35-65	30-45
TG5.5-1500	1,5	2240	840/700	3385	2505	120	3055	149	80	35-65	30-45
TG5.5-1750	1,75	2300	840/700	3500	2545	140	3275	149	80	35-65	30-45
TG5.5-2000	2,0	2350	840/700	3500	2545	140	3275	149	80	35-65	30-45
TG5.5-2500	2,5	2470	840/700	3880	2675	170	4000	149	80	35-65	30-45

TINED TIMBER GRABS

PRODEM TINED TIMBER GRABS OFFER MORE A VERSATILE SOLUTION TO LAND CLEARANCE AND FORESTRY CONTRACTORS.



BENEFITS OF PRODEM TINED TIMBER GRABS

- >> 5 or 7 tines options available
- >> Fully protected compact rotary motor, endless hydraulic rotation with integrated pressure limitation
- >> Interlocking tines allow a tight clamping of the log or trunk
- >> Ram & cylinder overstroke protection. Heavy duty ram protection shell versions available

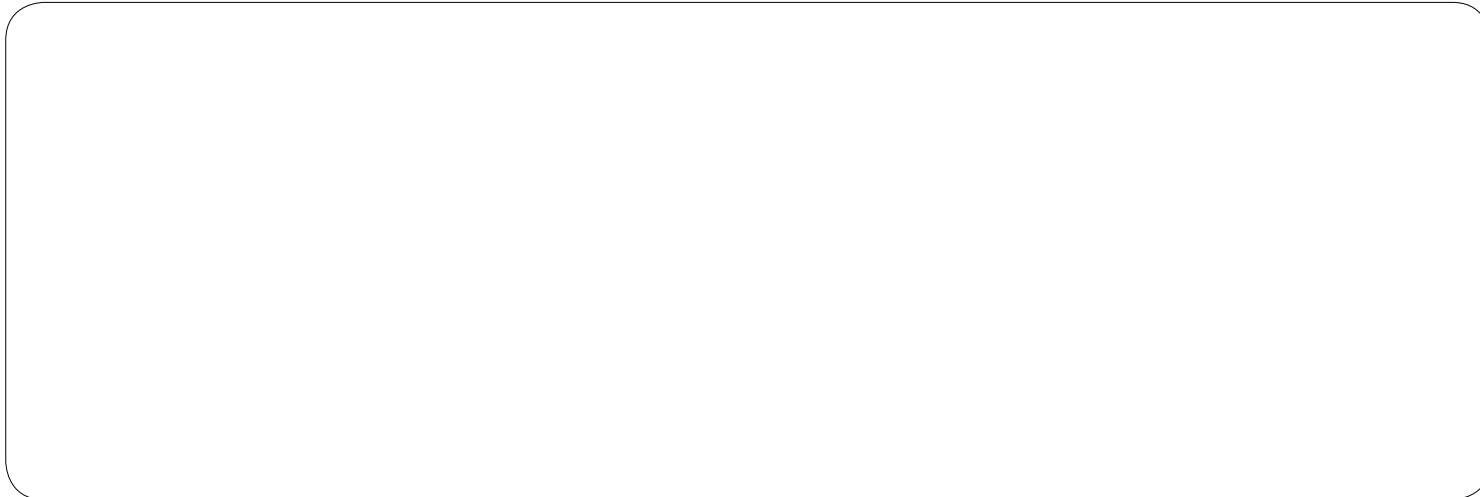
“ I’VE FOUND THE PSG TIMBER GRAB SO VERSATILE AND POWERFUL THAT IT HAS REALLY CHANGED THE WAY WE WORK. WE’VE NOW JUST INVESTED IN ANOTHER. ”

Model	Excavator Weight Class (t)	Working Weight (kg)	Pressure - Open / Closed (bar)	Oil Flow - Open / Close (lpm)	Min Pressure - Rotation (bar)	Max Pressure - Rotation (bar)	Oil Flow - Rotation - l/min (mm)	Width (mm)	Max Opening (mm)	Height (mm)	Diameter (mm)	Closing Force (kN)
PSG150-B	1,2-3	150	300	25	170	210	10	450	1100	765	80	15
PSG150-B 7 Tine	1,5-4	160	300	170	210	30	10	450	1100	765	80	15
PSG450-B	5-8	350	300	190	210	50	12	550	1540	1000	70	24
PSG450-B 7 Tine	5-8	400	300	190	210	50	12	735	1540	1000	70	24
PSG452-B	6-11	450	320	190	210	70	15	550	1540	1100	70	24
PSG452-B 7 Tine	6-11	500	320	190	210	70	15	735	1540	1100	70	24
PSG602-B	10-16	800	350	190	210	100	25	515	2050	1350	120	35
PSG602-B 7 Tine	10-16	920	350	190	210	100	25	800	2050	1350	120	35
PSG802-B	12-20	1000	350	190	210	120	25	735	2050	1340	125	46
PSG802-B 7 Tine	12-20	1100	350	190	210	120	25	910	2050	1340	125	46
PSG1102-B	16-24	1000	350	190	210	120	35	910	2050	1340	125	46
PSG1102-B 7 Tine	16-24	1150	350	190	210	120	35	910	2050	1340	125	46
PSG1202-B	17-28	1500	350	190	210	160	35	910	2250	1550	200	68
PSG1202-B 7 Tine	17-28	1700	350	190	210	170	35	1230	2250	1550	200	68
PSG1900-B	25-35	1800	350	190	210	160	35	910	910	1550	200	68
PSG1900-B 7 Tine	25-35	2050	350	190	210	170	35	1230	2250	1550	200	68
PSG2700-B	30-50	2900	350	190	210	200	40	1200	2850	1900	225	90

PRODEM

A Force You Can Depend On

Contact your authorised ***PRODEM*** dealer:



E sales@prodem-attachments.com www.prodem-attachments.com