



**National Sales,
Hire, Servicing
& Repairs**

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About BPH Attachments

BPH Attachments sell, hire, service and repair hydraulic excavator attachments and are the sole importer of the PRODEM brand of attachments, which are known for their quality, durability and cost effectiveness.

From two depot locations, we offer nationwide next-day delivery on in-stock attachments. We also hold an extensive stock of PRODEM parts, and our specialist engineers service and repair all brands of attachments.

When you hire or purchase a PRODEM attachment from us you are getting a tried and tested product – we run PRODEM attachments in our own extensive hire fleet and are confident in their quality.

But, should you need them, our specialist mobile engineers will be on hand to support you.

We are a family-run business with nearly 50 years' experience in the construction industry. This means we have the knowledge and experience to advise and support you. We also like to think we're great folk to do business with.

We're quick, our products are reliable and we are there with support when you need us.

We're quick, our products are reliable and we are there with support when you need us.

- Hire
- Servicing & repairs
- Sales
- Parts



➤ Servicing, Repairs and Specialist Services

We pride ourselves on being able to service and repair all makes and models of hydraulic attachments. We also stock a comprehensive range of PRODEM parts, which are available for next day delivery, and we can supply high-quality tools and parts for all brands of hydraulic hammers and attachments.

Our tailored service contracts are designed to offer best value and keep your attachments working smoothly.

We have invested in specialist equipment to ensure that attachment servicing and repairs are carried out quickly and as cost effectively as possible. This includes everything from specialist pits with hydraulically raising floors to large air driven torque multipliers.

It's differences like these which allow us to give you the best service possible and ensure that customer repairs are carried out professionally. We even have specialist line-boring and welding machinery to repair grabs, brackets, buckets and excavator arms.

All our work is carried out by our own specialist, expertly-trained engineers. Before any repair work is done, we provide a full report and quote including photographs of critical parts. All repairs are carried out using high quality parts and come with a 3-month warranty.

Make the most of your capital investment – service and repair to maintain productivity!

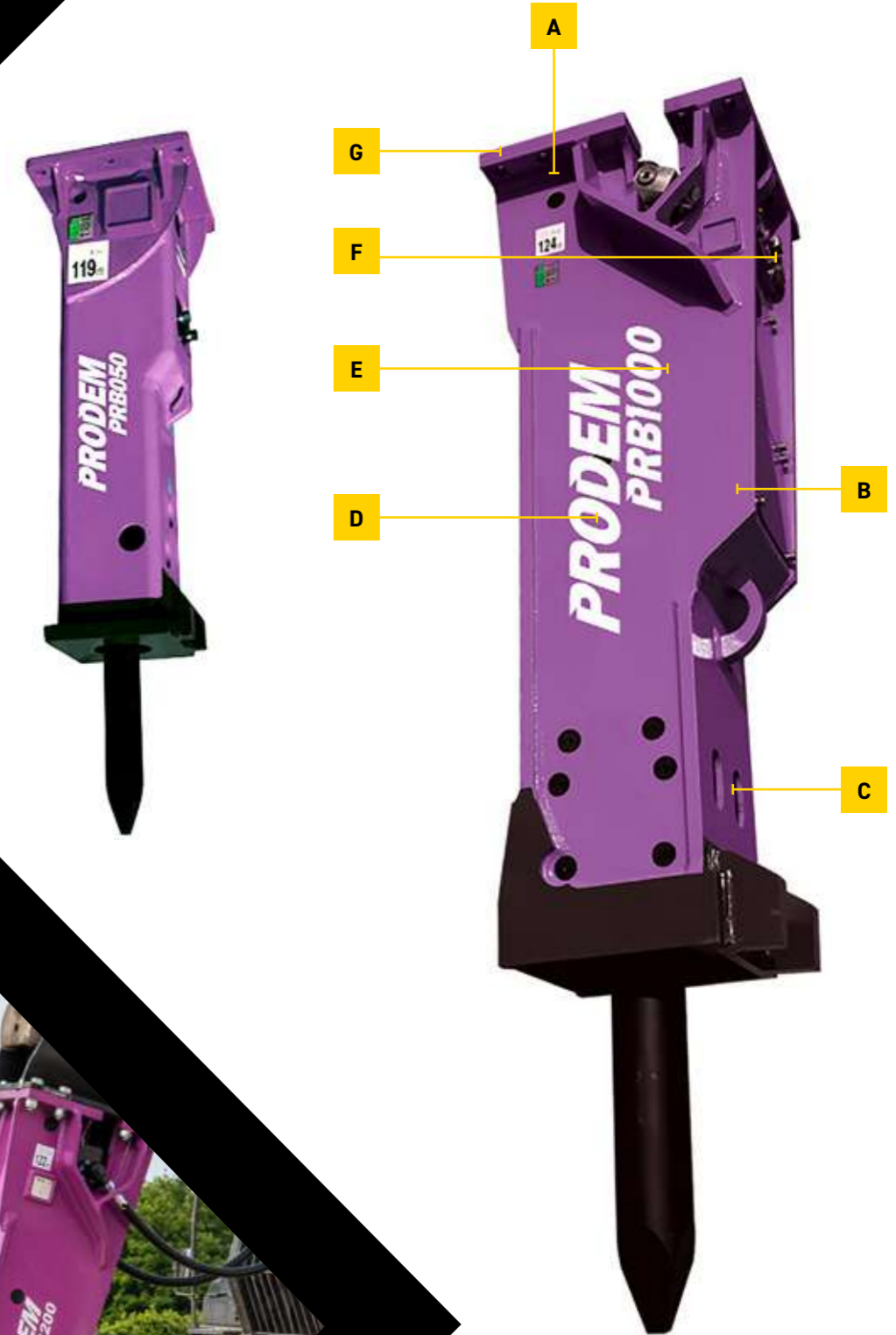
Hydraulic Hammers

	PRB008	PRB010	PRB030	PRB040	PRB050	PRB060	PRB100	PRB150
Working Weight (kg)	75	123	149	209	294	424	537	974
Required Oil Flow (lpm)	12-22	15-25	20-35	30-50	35-65	45-90	60-110	80-140
Operating Pressure (bar)	100-130	100-130	100-130	110-140	130-170	130-170	140-180	140-180
Impact Energy (max) – Low Speed (joule)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2500
Impact Energy (max) – High Speed (joule)	110	180	300	450	700	1000	1350	2150
Impact Frequency – Low Speed (bpm)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	380-700
Impact Frequency – High Speed (bpm)	750-1300	700-1200	550-1000	550-1000	550-1000	520-1000	500-1000	550-850
Tool Diameter (mm)	42	45	50	58	68	80	93	105
Excavator Weight Class (t)	0.7-1.5	0.7-3	1.5-4.5	2.5-6	3.5-8	5-11	7-15	12-20

	PRB170	PRB200	PRB250	PRB300	PRB400	PRB500	PRB700	PRB1000
Working Weight (kg)	1270	1564	1662	2492	3100	4200	6700	10070
Required Oil Flow (lpm)	110-170	100-150	130-180	170-240	200-280	230-330	320-420	410-530
Operating Pressure (bar)	160-180	160-180	160-180	165-185	165-185	165-185	165-185	165-185
Impact Energy (max) – Low Speed (joule)	2800	3500	4300	6100	7600	10400	13000	17000
Impact Energy (max) – High Speed (joule)	2200	2800	3200	4200	6000	7900	10000	14000
Impact Frequency – Low Speed (bpm)	350-600	340-550	330-500	310-490	330-450	250-370	280-370	260-340
Impact Frequency – High Speed (bpm)	550-750	440-700	430-650	400-680	420-600	350-500	370-480	360-470
Tool Diameter (mm)	117	125	135	150	165	180	205	245
Excavator Weight Class (t)	14-24	16-25	20-30	26-35	32-45	40-70	60-110	85-140

Product features

- A Large through bolts
- B Only 2 internally moving parts
- C Anti-blank firing (PRB170 upwards)
- D Dual speed control (PRB170 upwards)
- E Silenced & Vibration dampened
- F Centralised lubricating system
- G Heavy duty protective casing



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➤ Skidsteer & Backhoe Hydraulic Hammers

Skidsteer Hydraulic Hammer

	PRB010	PRB030	PRB040-SL
Work Weight (kg)	123	149	290
Required Oil Flow (lpm)	15-25	20-35	50-70
Operating Pressure (bar)	100-130	100-130	110-140
Blow Frequency (bpm)	700-1200	550-1000	550-1000
Impact Energy (joule)	180	300	450
Tool Diameter (mm)	Ø45	Ø50	Ø58
Carrier Weight (tonne)	0.7-1.5	1.5-4.5	2.5-6

Skidsteer Series

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

Backhoe Hydraulic Hammer

	PRB050-NL	PRB060-NL	PRB0100-NL
Work Weight (kg)	274	401	485
Required Oil Flow (lpm)	35-65	45-90	60-110
Operating Pressure (bar)	130-170	130-170	140-180
Blow Frequency (bpm)	550-1000	550-1000	500-1000
Impact Energy (joule)	700	1000	1400
Tool Diameter (mm)	Ø68	Ø80	Ø93
Carrier Weight (tonne)	3.5-8	5-11	7-15

Backhoe Series

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

Skidsteer Hydraulic Hammer



Backhoe Hydraulic Hammer

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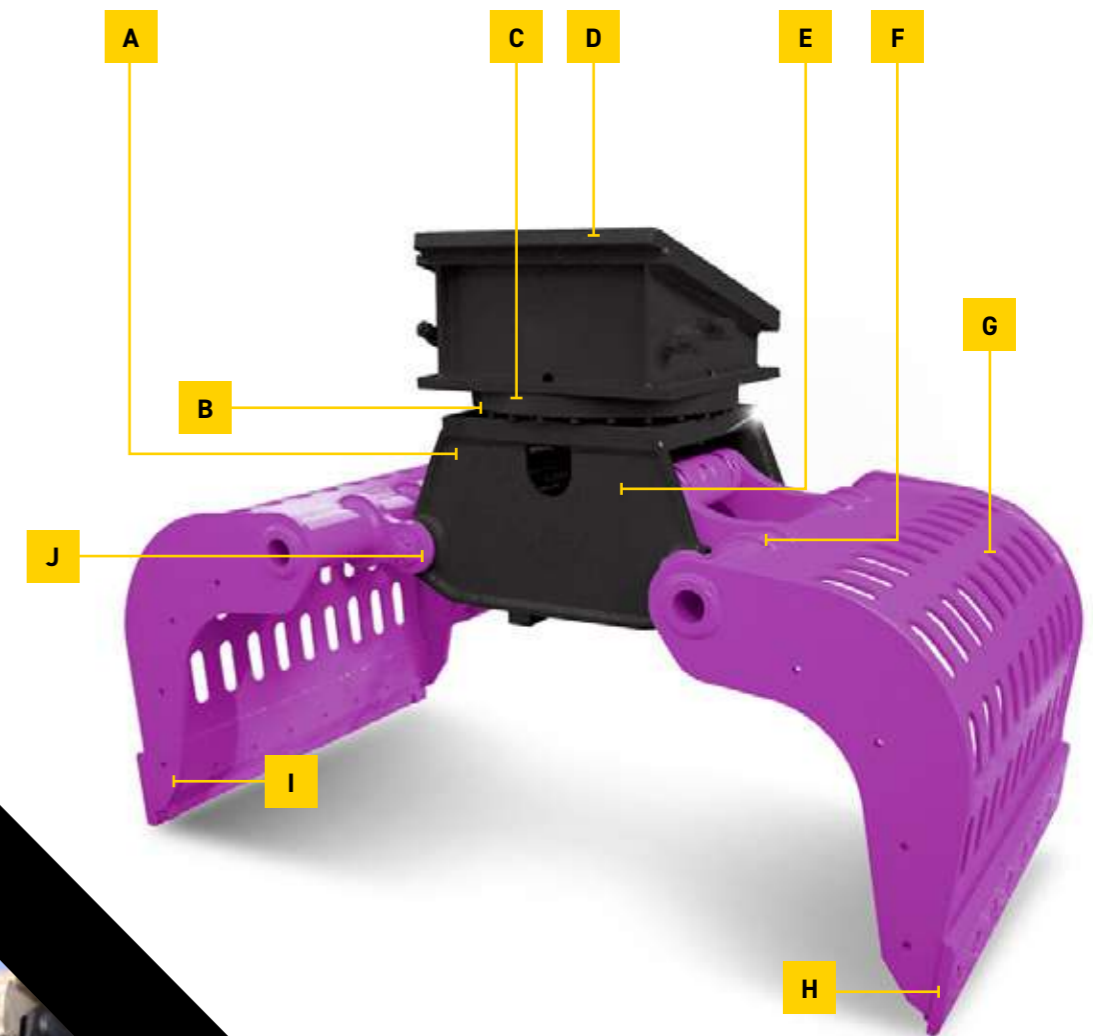
➤ Heavy Duty Selector Grabs

	PSG 75-D	PSG 100-D	PSG 150-D	PSG 200-D	PSG 400-D	PSG 450-D	PSG 452-D	PSG 503-D	PSG 603-D	PSG 803-D	PSG 903-D	PSG 1003-D
Working Weight (kg)	75	90	140	240	350	400	450	600	840	1000	1050	1100
Pressure - Open/Close (bar)	300	300	300	300	300	300	320	350	350	350	350	350
Oil Flow - Open/Close (lpm)	15	20	25	35	40	50	70	90	100	120	120	120
Max Pressure - Rotation (bar)	170	210	170	170	170	170	210	210	210	210	210	210
Oil Flow - Rotation - L/Min (mm)	5	5	10	10	12	12	15	15	25	25	25	25
Width W (mm)	300	350	450	500	600	700	700	600	800	800	900	1000
Max Opening (mm)	600	770	750	1160	1400	1500	1550	1800	1800	1950	1950	1950
Capacity (l)	30	40	70	100	150	200	200	300	400	500	600	700
Closing Force (kn)	6	0.7	15	20	23	24	24	30	35	46	46	46
Excavator Weight Class (t)	0.7-1.2	1-2	1.2-3	2.5-5	4-8	5-9	6-11	7-12	10-16	12-20	13-20	15-20

	PSG 1102-D	PSG 1202-D	PSG 1402-D	PSG 1702-D	PSG 1802-D	PSG 1900-D	PSG 2500-D	PSG 2700-D	PSG 3000-D	PSG 4000-D	PSG 5003-D	PSG 13000-D
Working Weight (kg)	1400	1500	1600	1750	1800	2000	2500	2700	3000	3910	5000	13000
Pressure - Open/Close (bar)	350	350	350	350	350	350	350	350	350	350	350	350
Oil Flow - Open/Close (lpm)	150	160	170	170	170	180	200	200	200	250	300	350
Max Pressure - Rotation (bar)	210	210	210	210	210	210	210	210	210	210	210	250
Oil Flow - Rotation - L/Min (mm)	35	35	35	35	35	35	35	35	35	40	60	100
Width W (mm)	900	1000	1200	1200	1200	1200	1360	1360	1500	1500	1500	1800
Max Opening (mm)	2100	2100	2100	2250	2400	2250	2230	2230	2460	2850	3000	4400
Capacity (l)	750	800	850	900	950	900	1000	1100	1300	1500	1600	4600
Closing Force (kn)	55	68	68	80	80	80	90	90	90	110	130	180
Excavator Weight Class (t)	16-24	17-28	20-28	23-30	24-35	25-38	28-45	30-50	35-50	40-65	45-100	100-200

Product features

- A** High powered, end dampened, motionless cylinders
- B** Continuous 360° rotation
- C** Heavy duty slew ring
- D** Twin motors (PSG603 upwards)
- E** Heavy duty protective chassis with large diameter pins
- F** Extremely heavy duty shell connections
- G** One-piece perforated HARDOX shell skins
- H** Reversible and replaceable wear blades with countersunk bolts
- I** Wide opening/large load capacity
- J** Large Diameter Pins



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Multi Processors

	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-MS
Working Weight (kg)	380	380	1231	1330	1351	1256	1330	2040	2050	2210	1880	2040
Overall Width (mm)	580	580	1200	1187	1157	989	989	1483	1368	1508	1083	1083
Max Jaw Opening (mm)	430	220	643	629	647	366	412	903	797	893	503	523
Cutting Blade Length (mm)	100	100	214	214	219	319	446	237	355	237	348	301
Required Oil Flow (lpm)	30-50	100-180	100-180	100-180	100-180	100-180	100-180	150-250	150-250	150-250	150-250	150-250
Max Operating Pressure (bar)	250	250	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	87
Excavator Weight Class (t)	2-10	2-10	14-20	14-20	14-20	14-20	14-20	20-28	20-28	20-28	20-28	20-28

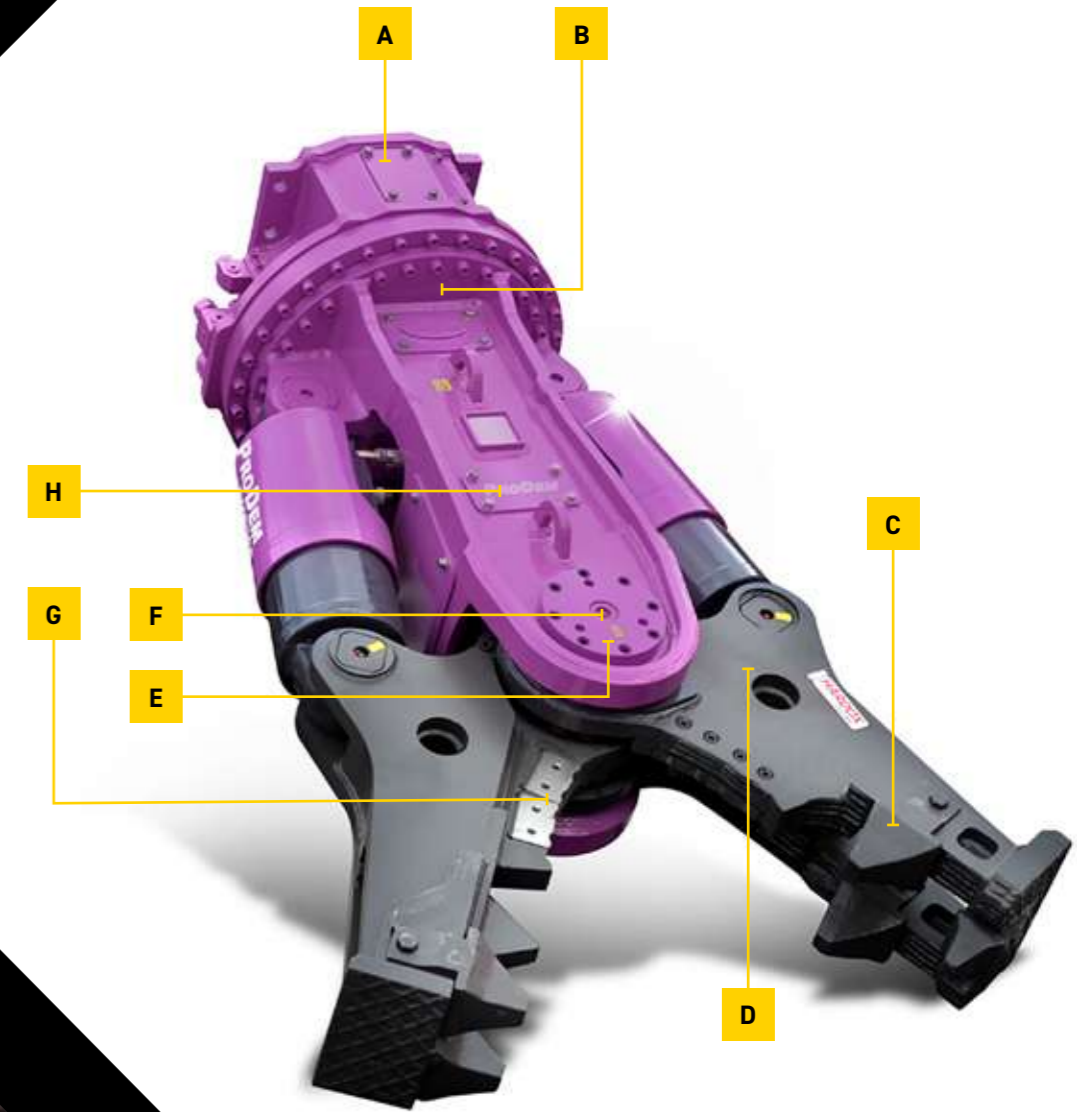
	PMP 220-U	PMP 320-C	PMP 320-D	PMP 320-P	PMP 320-S	PMP 320-U	PMP 400-S	PMP 400-P	PMP 400-D	PMP 400-MS	PMP 400-C	PMP 400-N
Working Weight (kg)	2350	3030	3001	3130	2990	3300	4575	4781	4635	4593	4694	4465
Overall Width (mm)	1189	1684	1560	1643	1332	1486	1612	1895	1879	1612	1970	1823
Max Jaw Opening (mm)	611	1119	983	1008	573	753	676	1184	1209	707	1274	316
Cutting Blade Length (mm)	450	240	461	240	563	600	631	264	507	775	264	517
Required Oil Flow (lpm)	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)	350	350	350	350	350	350	350	350	350	350	350	350
Max Crushing Force (t)	80	95	101	103	104	110	178	166	158	173	159	205
Excavator Weight Class (t)	20-28	28-40	28-40	28-40	28-40	28-40	36-52	36-52	36-52	36-52	36-52	36-52



Crushing **Demolition** **Pulveriser** **Shear** **Universal** **Mobile Shear**

Product features

- A** Pressure relief valve for protecting hydraulic motor
- B** Unlimited 360° hydraulic rotation complete with heavy-duty Slew ring
- C** Large hardened bolt on teeth made of special wear resistant steel
- D** Six different interchangeable jaws for crushing, pulverising, shearing and demolition
- E** Single-Pin Jaw Mechanism for enhanced shearing force and working and maintenance efficiency
- F** Adjustable main pin to ensure maximum cutting performance
- G** Fully Reversible Rectangular Steel Cutting Blades for lower maintenance cost and less downtime
- H** Speed valve for high speed jaw opening and closing



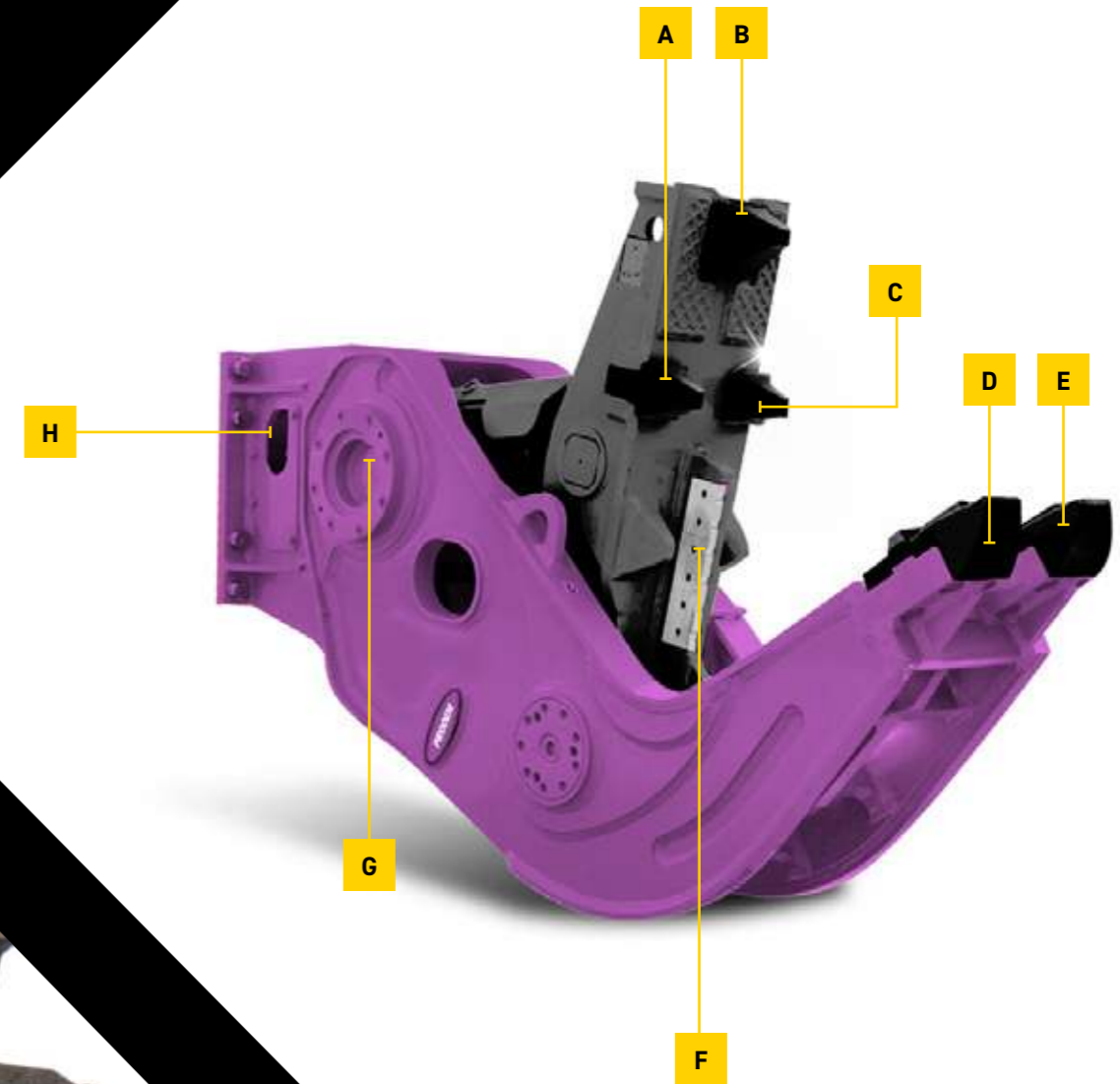
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Static Pulverisers

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

Product features

- A** Jaw design leaves re-bar steel clean
- B** Cracking tooth on the outer end of jaw for high productivity
- C** Large bolt on tooth style (PHP220 upwards) for quick and effective replacement
- D** Bolt on Ground Engaging Teeth (PHP220 upwards)
- E** Hardened teeth made from special materials for enhanced durability
- F** Fully reversible steel cutting blades
- G** Trunnion type cylinder for maximum breaking force throughout jaw closing motion, as well as opening motion
- H** Integrated speed-up valve for increased speed and performance



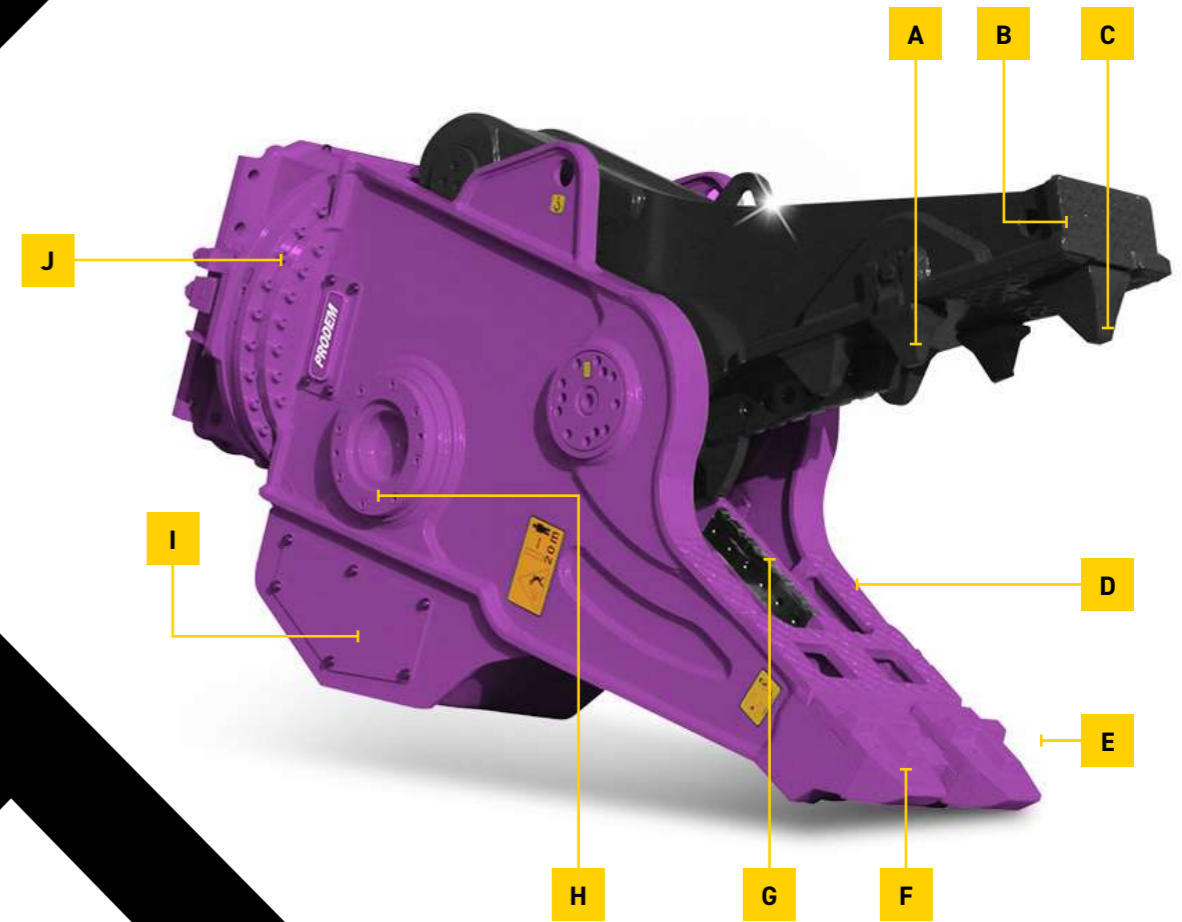
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Rotating Pulverisers

	PHP050R	PHP160R	PHP200R	PHP250R	PHP350R	PHP450R
Working Weight (kg)	550	1250	1780	2300	2950	4219
Overall Length (mm)	1382	1840	2078	2468	2663	3075
Jaw Width - Fixed (mm)	465	384	438	470	532	550
Jaw Width - Moving (mm)	208	330	350	346	370	398
Max Jaw - Opening (mm)	508	720	766	925	1056	1142
Cutting Blade - Length (mm)	100	240	240	360	360	1107
Required Oil Flow (lpm)	50-80	100-180	150-250	150-250	200-300	200-300
Max Operating Pressure (bar)	210	320	320	320	320	350
Crushing Force - tip (t)	50	100	170	196	224	333
Excavator Weight Class (t)	4.5-8	13-20	17-28	22-30	28-40	40-65

Product features

- A** Hardened teeth made from special materials for enhanced durability
- B** Large bolt on tooth style (PHP250R upwards) for quick and effective replacement
- C** Cracking tooth on the outer end of jaw for high productivity
- D** Jaw design leaves re-bar steel clean
- E** Wide jaw opening
- F** Bolt on Ground Engaging Teeth (PHP250R upwards)
- G** Fully reversible steel cutting blades
- H** Trunnion type cylinder for maximum breaking force throughout jaw closing motion, as well as opening motion
- I** Integrated speed-up valve for increased speed and performance
- J** Large diameter slew ring



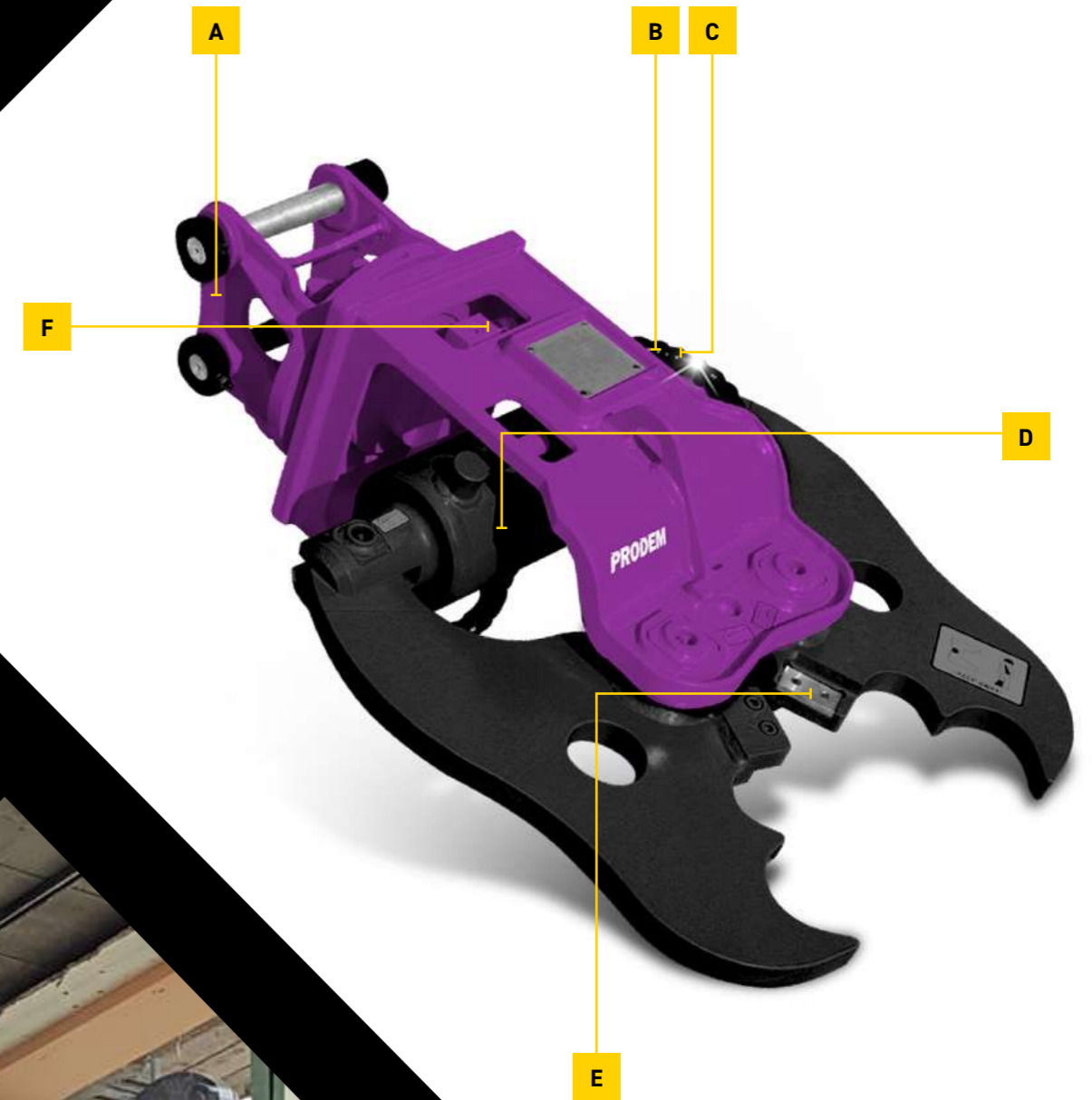
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➤ Mini Crushers

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

Product features

- A** 'Knock round' rotation with a durable bearing - optional hydraulic rotation available on PMC050
- B** Protected hose routing inside the frame
- C** Easy maintenance
- D** High-power cylinder
- E** Fully reversible steel cutting blades with max 4 edges
- F** Speed-up valve (Optional)



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➤ Dedicated Shears

	PDS030R	PDS050R	PDS070R	PDS120R	PDS200R	PDS250R	PDS300R
Working Weight (kg)	300	465	880	1180	2050	2650	3000
Max jaws opening (mm)	256	340	405	475	535	570	615
Jaws depth (mm)	230	320	370	385	445	505	545
Total length (mm)	1330	1725	2180	2300	2660	2950	3130
Rotation Max Pressure (bar)	120	120	140	140	140	140	140
Rotation oil flow (l/min)	5	10	10	10	10	10	10
Oil flow open/close (l/min)	80	80	100	150	180	200	200
Open/close pressure (bar)	250	280	340	340	340	340	340
Dipper-mounted (t)*	3.5-5.5	4.5-9	7-14	11-20	17-25	22-32	29-41
Boom-mounted (t)*	1.5-3.5	2.5-4.5	3.5-8	6-12	9-18	15-22	19-27

	PDS400R	PDS500R	PDS550R	PDS700R	PDS900R	PDS1600R	PDS2000R
Working Weight (kg)	4030	4800	6200	7900	10300	16700	19500
Max jaws opening (mm)	660	725	780	845	920	1100	1180
Jaws depth (mm)	610	675	690	710	780	1080	1130
Total length (mm)	3420	3660	3905	4190	4400	5440	5580
Rotation Max Pressure (bar)	140	140	140	140	140	250	140
Rotation oil flow (l/min)	10	10	30	30	50	50	50
Oil flow open/close (l/min)	300	350	400	450	500	800	900
Open/close pressure (bar)	340	340	340	340	340	340	340
Dipper-mounted (t)*	39-53	48-63	58-73	73-105	105-165	125-225	180-310
Boom-mounted (t)*	24-32	29-38	33-43	43-60	60-100	80-150	125-210

Product features

- A** Fully protected, high power cylinder
- B** Dual upper jaw guides
- C** High quality reversible and replaceable wear blades
- D** Innovative speed valve
- E** Heavy duty slew ring with 360° hydraulic rotation



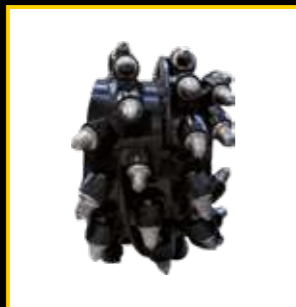
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➤ Rock Wheels

	PRW040	PRW060	PRW100	PRW200	PRW250	PRW300	PRW500
Working Weight exc. bracket (kg)	300	470	640	1140	1465	2410	3650
Required oil flow (lpm)	45-80	65-120	90-150	130-190	170-250	240-340	350-500
Max pressure (bar)	350	350	350	350	350	380	380
Max cutting force (kN)	13.5	20.3	27.6	35.2	53.4	68	121
Hydraulic motor power (kW)	27	37	50	61	87	112	175
Standard drum width (mm)	565	625	700	800	850	950	1250
Drum diameter (mm)	380	450	500	595	660	750	750
Distance between drums (mm)	110	130	130	150	160	175	300
Tooth holder diameter (mm)	20	22	22	38/30	38/30	38/30	38/30
Excavator Weight Class (t)	2.5-7	6-12	9-16	14-22	20-34	28-45	50-70



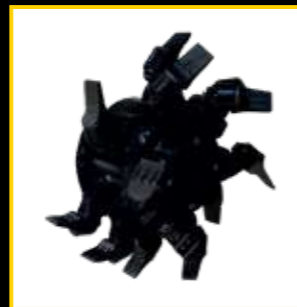
HP drum - penetrates deep, even into hard materials (standard)



GP drum - recommended for wall profiling (optional)



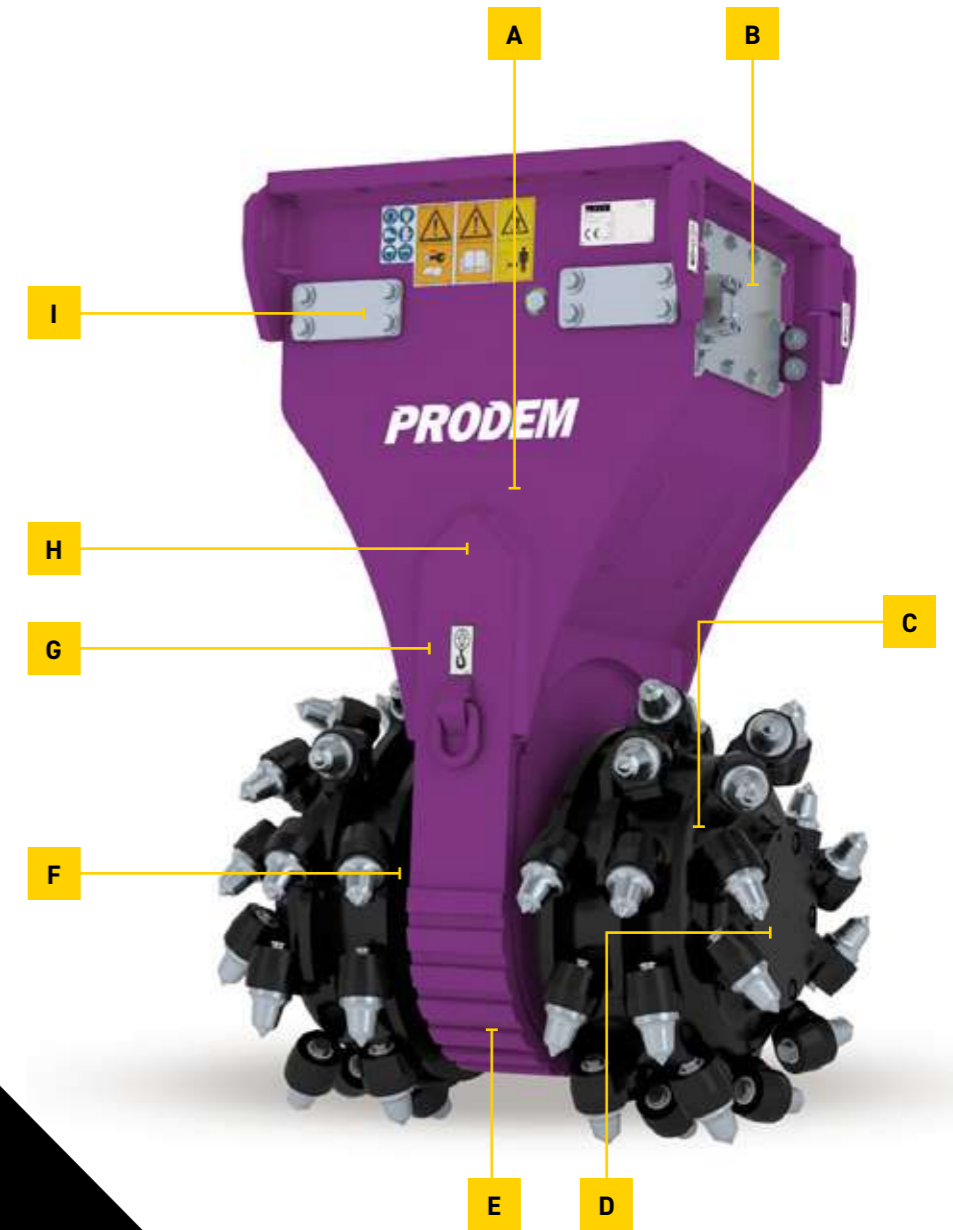
WB drum - special drum for finishing and profiling (optional)



Mixing drum - with specialist mixing paddles for remediation works

Product features

- A** Can be operated underwater without any modifications
- B** Feed line filter protects the motor from impurities
- C** Interchangeable drums and teeth to suit any application
- D** Double support bearings for each drum – shaft transmits motion only and bears no load
- E** Replaceable anti-wear plates
- F** Dust proof mechanical seals provides protection from dust even when attachment is in the ground
- G** Frame design prevents material build-up
- H** PATENTED integrated high displacement hydraulic piston motor gives high torque and performance
- I** Two hose positions give maximum precision and increased productivity front or side mounted



PRODEM.

Rotary Screening Buckets

	PSB 030R	PSB 040R	PSB 050R	PSB 100R	PSB 120R	PSB 200R	PSB 250R	PSB 300R	PSB 500R
Weight (kg)	110	250	350	860	1540	1570	2440	2550	4900
Overall Depth (mm)	740	1070	1175	1450	1730	2190	2080	2600	2950
Overall Height (mm)	630	805	930	1170	1500	1650	1900	2000	2410
Basket Width C (mm)	320	445	515	695	805	925	985	1040	1360
Basket External Diameter D (mm)	500	640	750	900	1170	1340	1560	1700	2000
Inlet Width (mm)	520	700	800	1100	1440	1400	1900	1750	2120
Working Capacity (m3)	0.08	0.2	0.3	0.4	0.75	0.9	1.1	1.5	2.7
Max Working Pressure (bar)	120	120	120	120	220	220	220	220	220
Max Oil Flow (l/min)	30	50	50	60	80	80	80	80	80
Drum Speed (rpm)	24/32	18/24	18/24	18/24	18/35	18/35	18/35	18/35	18/27
Excavator Weight Class (t)	1.4-2.8	2.5-5.5	4.5-9	7-14	12-18	16-23	21-33	30-45	40-65

Features **PATENTED 4-piece interchangeable screen kit - 20 - 150mm available**

Product features

- A** Integrated high pressure relief valve
- B** Drum protection casing
- C** Heavy duty double bearing slew ring
- D** PATENTED 4-piece interchangeable screens - 20-150mm
- E** Exclusive wide inlet profile
- F** Bolt-on wear edges



PRODEM.

PROQUICK Coupler Systems

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

Product features

- A** Unique patented design
- B** Connects at full system pressure with an optimised oil flow and no oil loss during switchover
- C** Fully automatic dirt protection system
- D** Picks up standard pin type buckets with no modifications
- E** Double-locking safety mechanism



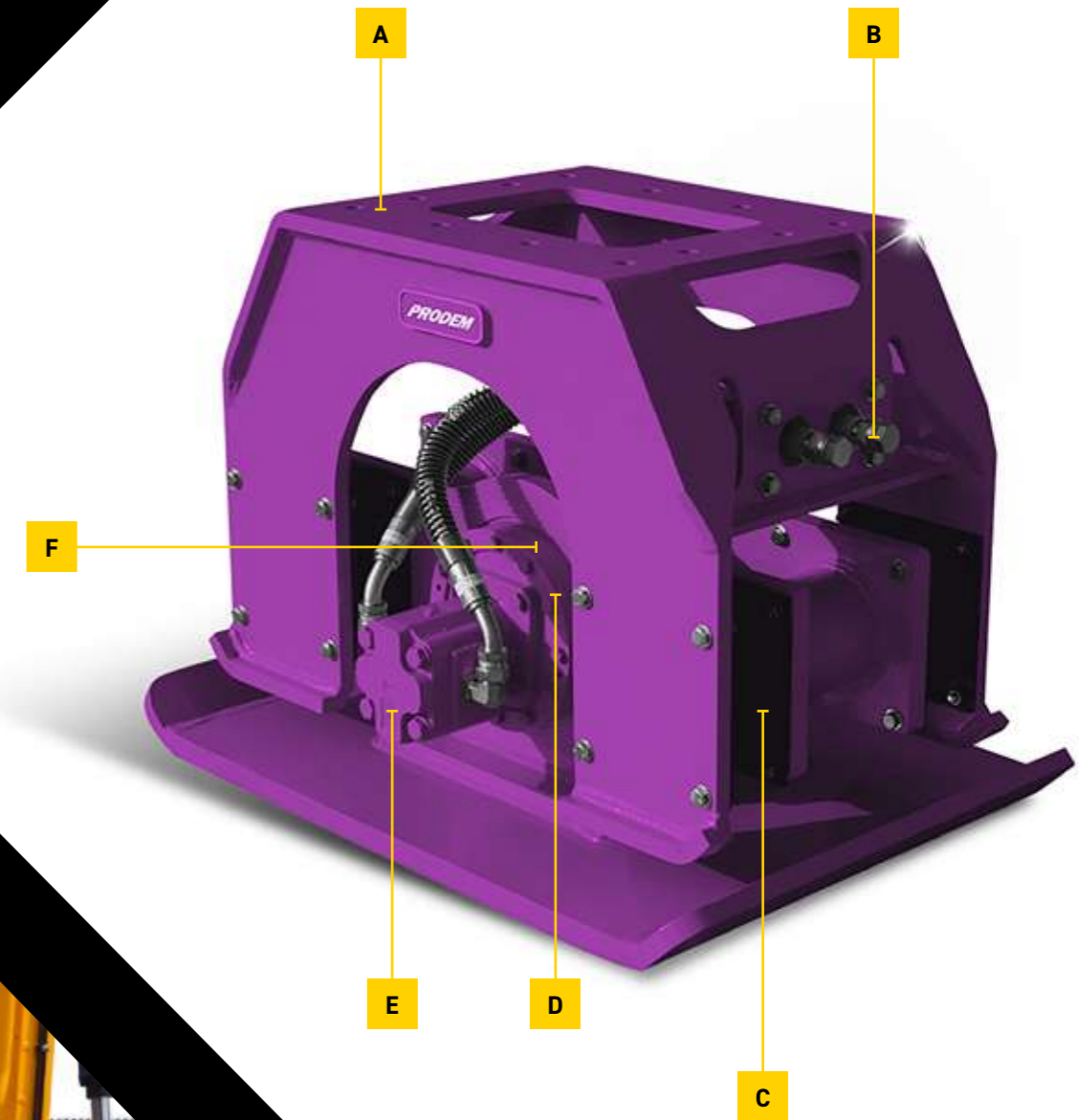
PRODEM.

➤ Compactor Plates

	PHC050 N	PHC050 G	PHC100	PHC150	PHC200	PHC300
Working Weight (kg)	261	341	430	689	1094	1502
Baseplate Size – w x l (mm)	320 X 745	500 X 800	610 X 900	740 X 1050	860 X 1200	1000 X 1300
Impulse Force (t)	2.1	2.1	4	6.4	11.2	17.3
Vibrations (per minute)	2100	2100	2000	2000	2000	2000
Operating Pressure (bar)	100-220	100-220	100-138	100-138	100-138	100-138
Required Oil Flow (lpm)	45-65	45-65	50-120	80-170	110-200	160-250
Excavator Weight Class (t)	4-6	4-6	6-13	11-20	17-27	26-40

Product features

- A** Easy and versatile mounting – adaptor mount style enables the PRODEM compactors to be mounted to any carrier in the recommended weight class
- B** Flow control valve (priority flow divider) regulates hydraulic in-flow to the motor and prevents over-speeding
- C** Specially designed cushion rubbers protect the machine and operator from vibrations
- D** 100% maintenance free – no greasing required due to the housing acting as an oil bath
- E** Heavy-duty and high efficiency gear motor with splined shaft and high-pressure motor seals prevent damage caused by pressure shock during start-up and shutdown
- F** Self-aligning double row spherical roller bearing provides a long service life to rotating components



PRODEM.

➤ Patch Planers

	PP200	PP300	PP350 ED	PP400	PP450	PP450 ED	PP600
Min distance from curb (mm)	40	50	50	50	60	75	75
Cutting depth (mm)	Single	Single	Double	Single	Single	Double	Single
Independent RH-LH depth adjustment	No	No	Yes	No	No	Yes	No
Operating weight (kg)	185	390	530	515	710	900	1150
Required oil flow (lpm)	30-50	45-75	55-90	55-90	75-140	90-140	120-200
Max oil pressure (bar)	250	300	300	300	300	300	300
Swinging support rotation angle	120°	127°	118°	118°	120°	105°	105°
Standard drum width (mm)	200	300	350	400	450	450	600
Special drums widths (mm)	50-250	50-300	50-350	50-400	75-450	75-450	75-600
Standard drum max depth (mm)	70	100	120	120	150	180	200
Special drums max depth (mm)	125	130	150	150	200	220	250
Excavator Weight Class (t)	2-4	3-7	6-9	6-9	8-13	10-16	16-24

- ED models feature **PATENTED independent RH-LH depth slides which allow perfect side by side passes.**
- **Optional extra: PATENTED Performer which calibrates to excavator working pressure and provides a visual indication of maximum performance. (See point A)**

Product features

- A** PATENTED performer (optional) calibrates to excavator working pressure. Provides easy-to-see visual indicator of available power to maximise performance
- B** Swinging support pivots on the same rotation axis as cutting drum to maintain a perfect planing surface regardless of ground contour or excavator position
- C** PATENTED independent RH-LH depth slides (ED models only) – each side can be independently adjusted to give perfect surfaces with side by side passes
- D** Mechanical depth adjuster as standard or hydraulic (optional)



PRODEM.

➤ Pallet Forks & Pipe Lifters

Pallet Forks

	PF5-8	PF10-24	PF30-50
Pin size	45-60mm	60-80mm	90-110mm
Max Fork Reach (mm)	1050	1200	2385
Max Fork Width (mm)	880	1000	1390
S.W.L. (kg)	1000	2000	4000
Working Weight (kg)	220	370	525
Excavator Weight Class (t)	5-8	10-24	30-50

NB. We do not recommend or advocate the use of fork extensions on our Excavator Mounted Pallet Forks as it is unsafe to do so.

Product features

- Adjustable pin centres
- Fold back forks for easy storage and excellent site safety
- Self-Levelling
- Adjustable forks
- Can be supplied with multiple sets of pins to suit different size excavators
- Slots to store spare pins

Pipe Lifter

WLL. (Kg)	2000	4000
Height (mm)	650	650
Width (mm)	500	500
Length (mm)	2400	2700
Weight (kg)	230	300
Beam Length (mm)	1500	1800
Excavator Weight Class (t)	Both models are suitable for 13 - 22t	

Product features

- 2t or 4t working load limits
- Pipe insertion pusher heels
- Adjustable pin centres fit most excavators
- 65mm and 80mm pins
- 2.5m pipe length capacity
- 1.8m beam length capacity



Pallet Forks



Pipe Lifter



PRODEM.

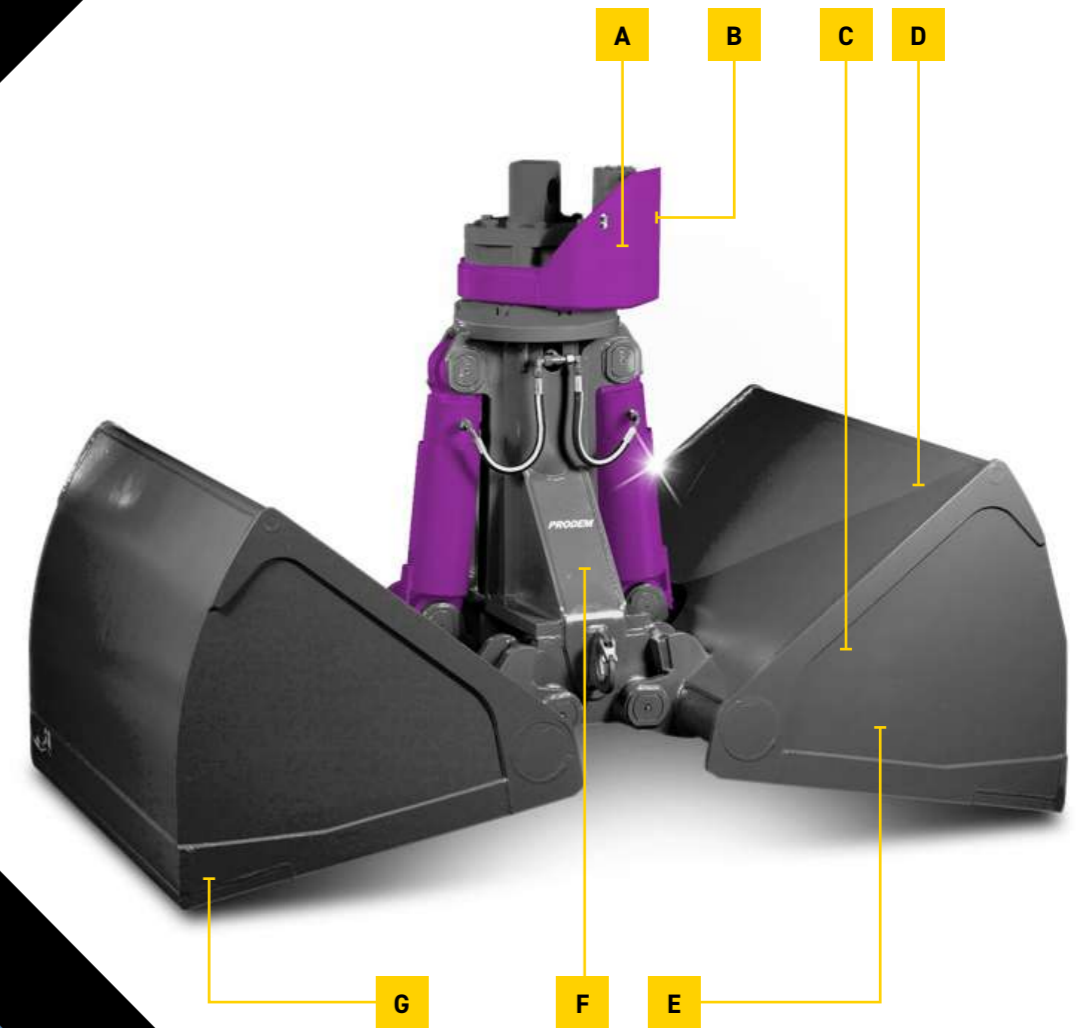
➤ Rehandling Clamshell Grabs

	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)	Excavator Weight Class (t)	Material Handler Weight Class (t)
RCS4.6	4	15	2	140	350	35	110	12-21	Up to 30
RCS5.6	8	15	3	140	350	35	140	22-35	30-60
RCS6.6	12	25	3	200	320	50	170	36-50	50-80
RCS7	15	40	2.6	140	350	50	170	80-100	Up to 100

	Capacity (l)	Weight (kg)	Grab Width (mm)	Height (mm) Closed	Height (mm) Open	Opening Width (mm) Open	Rotator Connection Width F (mm)	Mounting Pin Diameter G (mm)
RCS4.6-1000	1000	1270	1100	2490	1790	2130	114	70
RCS4.6-1200	1200	1360	1400	2490	1790	2130	114	70
RCS4.6-1400	1400	1420	1600	2490	1790	2130	114	70
RCS4.6-1600	1600	1535	1800	2490	1790	2130	114	70
RCS5.6-1500	1500	1950	1200	2490	1720	2360	114	70
RCS5.6-2000	2000	2200	1600	2500	1720	2360	114	70
RCS5.6-2500	2500	2300	2000	2500	1720	2360	114	70
RCS5.6-3000	3000	2490	2400	2490	1720	2360	114	70
RCS6.6-2000	2000	2920	1200	3130	2120	2860	150	80
RCS6.6-2500	2500	3100	1500	3430	2380	2860	150	80
RCS6.6-3000	3000	3580	1800	3430	2380	2860	150	80
RCS6.6-4000	3000	3920	2500	3430	2575	2860	150	80
RCS7-5000	5000	6500	2000	3750	2450	3900	150	80
RCS7-6000	6000	6800	2400	3750	2450	3900	150	80
RCS7-7000	7000	7550	2800	3750	2450	3900	150	80
RCS7-8000	8000	7850	3200	3750	2450	3900	150	80

Product features

- A** Protection Shield to protect rotation motors and hose connections
- B** Fully protected compact rotary motor gives endless hydraulic rotation with integrated pressure limitation
- C** Shells made of high-strength fine-grain steel. Shells are interchangeable throughout each model
- D** Shell covers (optional) – available with steel covers when handling light materials
- E** Custom size grabs can be designed to suit customers application
- F** Extension Shafts and Clay Scrapers available
- G** Side and bottom cutting edges are manufactured from high strength fine-grain steel, reinforced with HARDOX HB500 profiles

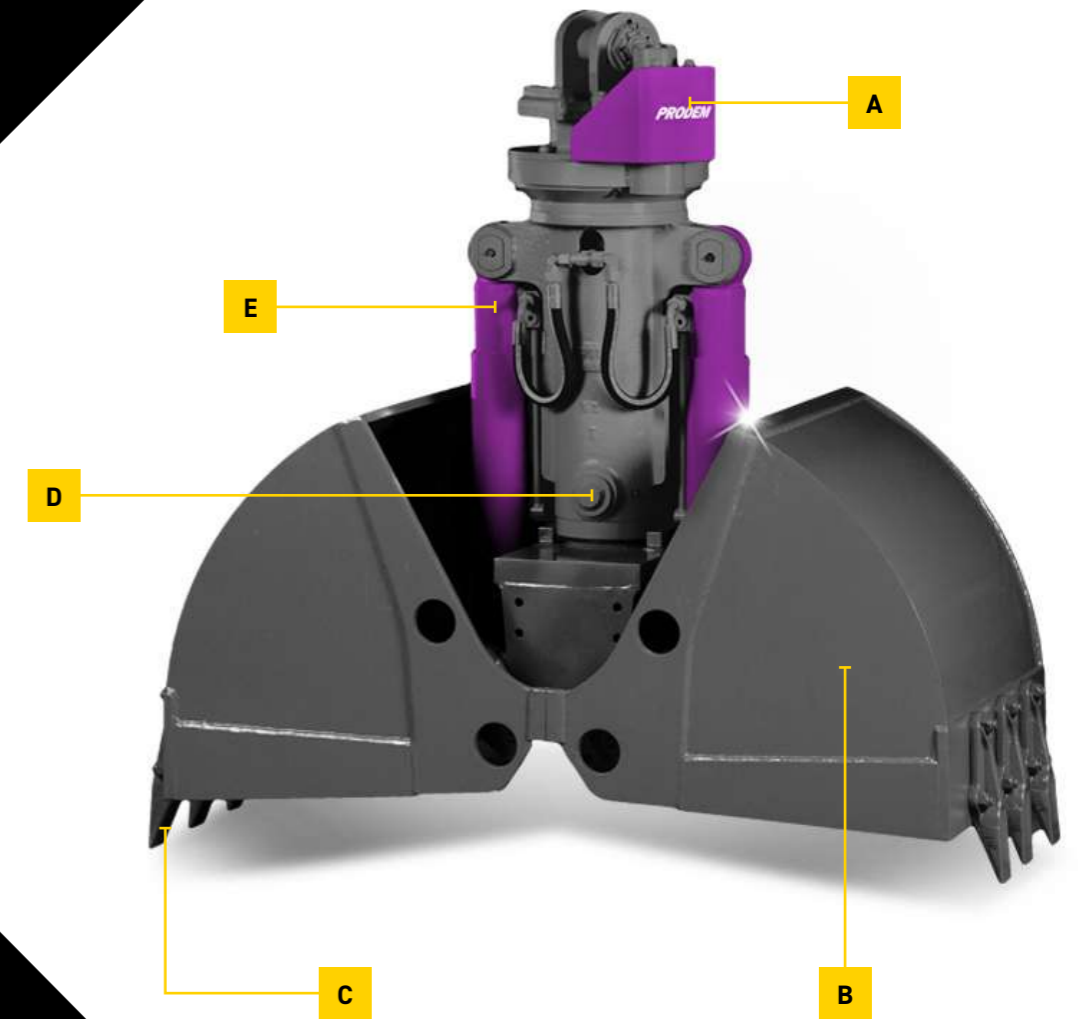


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➤ Digging Clamshell Grabs

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

Featuring interchangeable shells



Product features

- A** Fully protected compact rotary motor, endless hydraulic rotation with integrated pressure limitation
- B** Extension Shafts and Clay Scrapers available
- C** Bolt-on replaceable forged teeth
- D** All models throughout the range have interchangeable digging shells that can be changed by 3 point quick hitch system
- E** Ram guard offers full protection of cylinders



PRODEM.

Orange Peel Grabs

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. Oil Flow - Rotation (l/min)	Max. Oil Flow - Open/Close (l/min)	Excavator Weight Class (t)	Material Handler Weight Class (t)
MT3.2	2	10	2	140	350	35	90	13-20	Up to 20
MT3.6	4	15	4	140	350	35	90	16-20	20-30
MT4.6	8	15	8	140	350	35	115	20-30	30-55
MT5.6	10	26	10	140	350	30	90	30-45	55-70
MT6.6/MH	15	35	15	140	350	30	172	-	Up to 100
MT7.6/MH	15	40	15	140	350	30	197	-	Up to 220

	Capacity (l)	Weight (kg)	Grab Width (mm)	Height (mm) Closed	Height (mm) Open	Opening Width (mm) Open	Rotator Connection Width F (mm)	Mounting Pin Diameter G (mm)
MT3.2-500-5	500	890	2050	1680	-	2220	114	70
MT3.6-400-5	400	1400	2130	1805	1285	1940	114	70
MT3.6-600-5	600	1430	2230	1850	1375	2100	114	70
MT3.6-800-5	800	1460	2330	1900	1465	2275	114	70
MT4.6-400-5	400	1820	2185	1790	1350	1990	114	70
MT4.6-600-5	600	1910	2270	1820	1360	2120	114	70
MT4.6-800-5	800	1960	2405	1865	1540	2380	114	70
MT4.6-1000-5	1000	2040	2515	1900	1680	2565	114	70
MT5.6-600-5	600	2245	2500	2065	1670	1985	149	80
MT5.6-800-5	800	2345	2610	2100	1830	2175	149	80
MT5.6-1000-5	1000	2475	2750	2150	2120	2385	149	80
MT6.6-2500-5	2500	4025	3335	2545	2270	3575	200	80
MT6.6-3000-5	3000	4060	3440	2580	2285	3730	200	80
MT6.6-3500-5	3500	4160	3505	2600	2420	3860	200	80
MT7.6-3000-5	3000	7350	3950	3300	2600	3840	200	80
MT7.6-4000-5	4000	7450	4010	3325	2850	4020	200	80
MT7.6-5000-5	5000	7575	4100	3360	3050	4180	200	80
MT7.6-8000-5	8000	7865	4370	3480	3400	4660	200	80



Narrow Tines



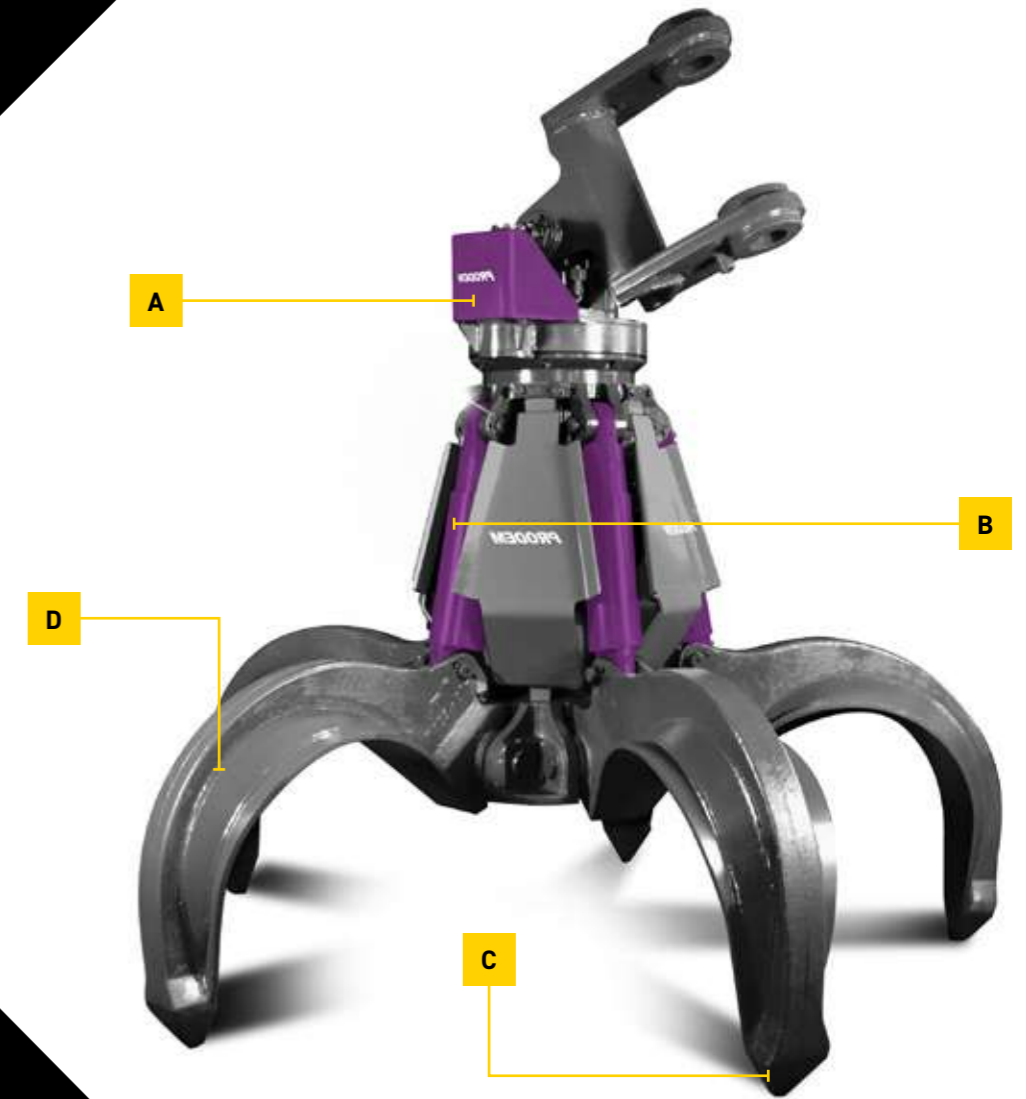
Wide Tines



Fully Closed Tines



Half Open Tines



Product features

- A** Fully protected compact rotary motor, endless hydraulic rotation with integrated pressure limitation
- B** Full cylinder over-stroke protection
- C** Forged manganese replaceable Tips
- D** Shells made of high-strength fine-grain steel - 3, 4 and 5 shell versions available

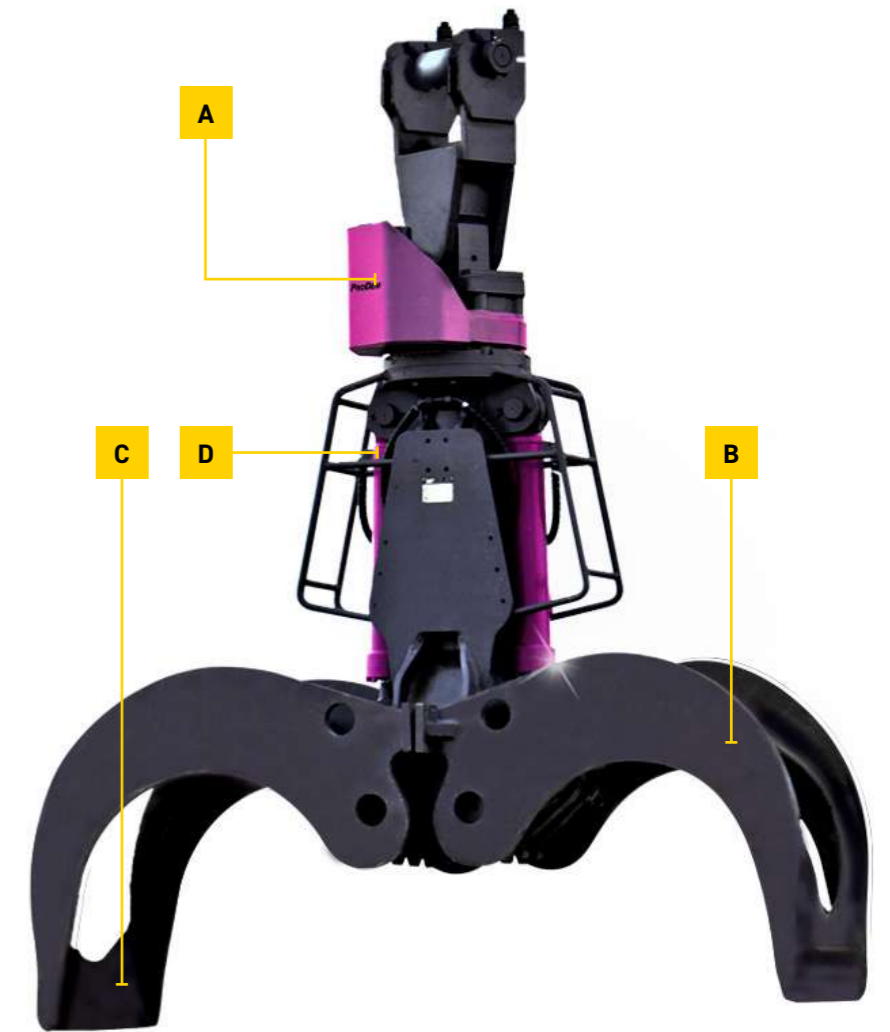


PRODEM.

Timber Grabs

	TG 028-L	TG 035-L	TG 040	TG 050	TG4 500	TG4 650	TG4 800	TG4 1000	TG4.6 800	TG4.6 1000
Working Weight (kg)	185	235	455	485	965	1015	1085	1145	1400	1480
Volume (m3)	0.28	0.35	0.4	0.5	0.5	0.65	0.8	1	0.8	1
Max Grab Capacity (t)	4	4	5	5	4	4	4	4	6	6
Max Load – Rotation (t)	4	4	5	5	15	15	15	15	15	15
Max Operating Pressure – Rotation (bar)	250	250	250	250	140	140	140	140	140	140
Max Operating Pressure – Open/Close (bar)	250	250	250	250	350	350	350	350	350	350
Height – Closed (mm)	1060	1190	1355	1420	2460	2540	2710	2820	2880	2950
Height – Open (mm)	980	1115	1140	1180	2010	2050	2135	2190	2215	2265
Min. Log Diameter (mm)	90	100	150	180	150	150	200	210	50	90
Max Opening (mm)	1280	1950	1085	1145	1820	1950	2255	2445	2380	2540
Material Handler Weight Class (t)	2-7	2-7	8-14	8-14	18-25	18-25	18-25	18-25	22-35	22-35
Excavator Weight Class (t)	2-7	2-7	8-14	8-14	15-21	15-21	15-21	15-21	20-30	20-30

	TG4.6 1250	TG4.6 1500	TG4.6 1750	TG4.6 2000	TG5.6 1250	TG5.6 1500	TG5.6 1750	TG5.6 2000	TG5.6 2500
Working Weight (kg)	1530	1540	1715	1915	2200	2240	2300	2350	2470
Volume (m3)	1.25	1.5	1.75	2	1.25	1.5	1.75	2	2.5
Max Grab Capacity (t)	6	6	6	6	12	12	12	12	12
Max Load – Rotation (t)	15	15	15	15	26	26	26	26	26
Max Operating Pressure – Rotation (bar)	140	140	140	140	140	140	140	140	140
Max Operating Pressure – Open/Close (bar)	350	350	350	350	350	350	350	350	350
Height – Closed (mm)	3080	3200	3310	3435	3280	3405	3520	3630	3900
Height – Open (mm)	2310	2350	2400	2435	2480	2525	2565	2600	2695
Min. Log Diameter (mm)	110	125	150	240	100	120	140	150	170
Max Opening (mm)	2765	2990	3190	3390	2825	3055	3275	3485	4000
Material Handler Weight Class (t)	22-35	22-35	22-35	22-35	35-65	35-65	35-65	35-65	35-65
Excavator Weight Class (t)	20-30	20-30	20-30	20-30	30-45	30-45	30-45	30-45	30-45



Product features

- A** Fully protected compact rotary motor giving endless hydraulic rotation with integrated pressure limitation
- B** Wear resistant quality materials used for maximum durability and minimum downtime
- C** Interlocking tines allow tight clamping of the log or trunk
- D** Heavy-duty ram and cylinder overstroke add protection



PRODEM.

➤ Tined Timber Grabs

B Models

	PSG 150-B	PSG 450-B	PSG 452-B	PSG 602-B	PSG 802-B	PSG 1102-B	PSG 1202-B	PSG 1900-B	PSG 2700-B
Working Weight (kg)	150	350	450	800	1000	1000	1500	1800	2900
Pressure - Open/Close (bar)	300	300	320	350	350	350	350	350	350
Oil Flow - Open/Close (lpm)	25	190	190	190	190	190	190	190	190
Max Pressure - Rotation (bar)	210	210	210	210	210	210	210	210	210
Oil Flow - Rotation - l/min (mm)	10	12	15	25	25	35	35	35	40
Width (mm)	450	550	550	515	735	910	910	910	1200
Closing Force (kN)	1100	1540	1540	2050	2050	2050	2250	2250	2850
Excavator Weight Class (t)	1.2-3	5-8	6-11	10-16	12-20	16-24	17-28	25-35	30-50

7 Tine Models

	PSG 150-B 7 Tine	PSG 450-B 7 Tine	PSG 452-B 7 Tine	PSG 602-B 7 Tine	PSG 802-B 7 Tine	PSG 1102-B 7 Tine	PSG 1202-B 7 Tine	PSG 1900-B 7 Tine
Working Weight (kg)	160	400	500	920	1100	1150	1700	2050
Pressure - Open/Close (bar)	300	300	320	350	350	350	350	350
Oil Flow - Open/Close (lpm)	170	190	190	190	190	190	190	190
Max Pressure - Rotation (bar)	210	210	210	210	210	210	210	210
Oil Flow - Rotation - l/min (mm)	10	12	15	25	25	35	35	35
Width (mm)	450	735	735	800	910	910	1230	1230
Closing Force (kN)	1100	1540	1540	2050	2050	2050	2250	2250
Excavator Weight Class (t)	1.5-4	5-8	6-11	10-16	12-20	16-24	17-28	25-35

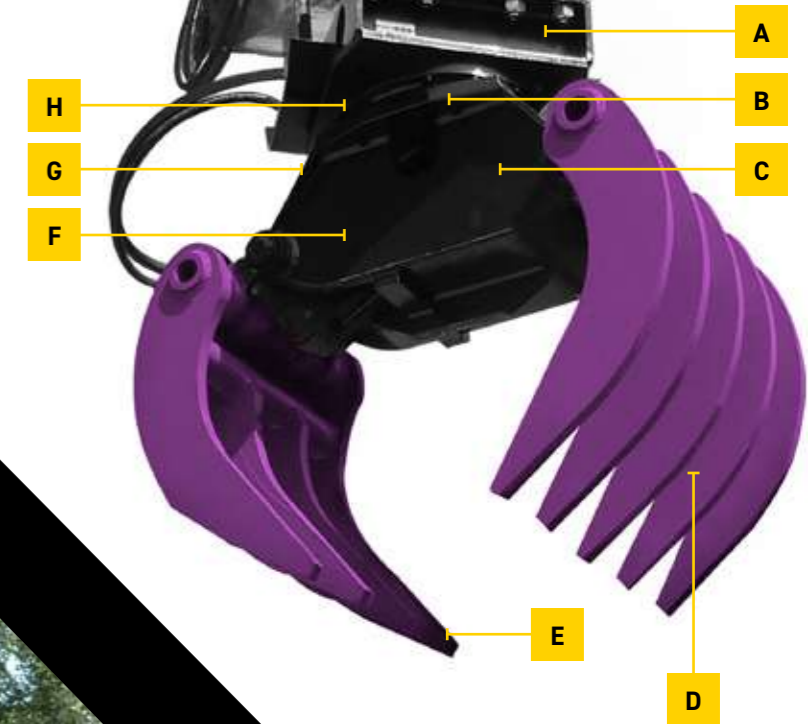
Product features

- A** Continuous 360° rotation
- B** Twin motors (PSG603 upwards)
- C** Heavy duty slew ring
- D** Tines manufactured from HARDOX
- E** Wide opening/large load capacity
- F** Heavy duty protective chassis with large diameter pins
- G** Extremely heavy duty shell connections
- H** High powered, end dampened, motionless cylinders

B Model



7 Tine Timber Grab Style



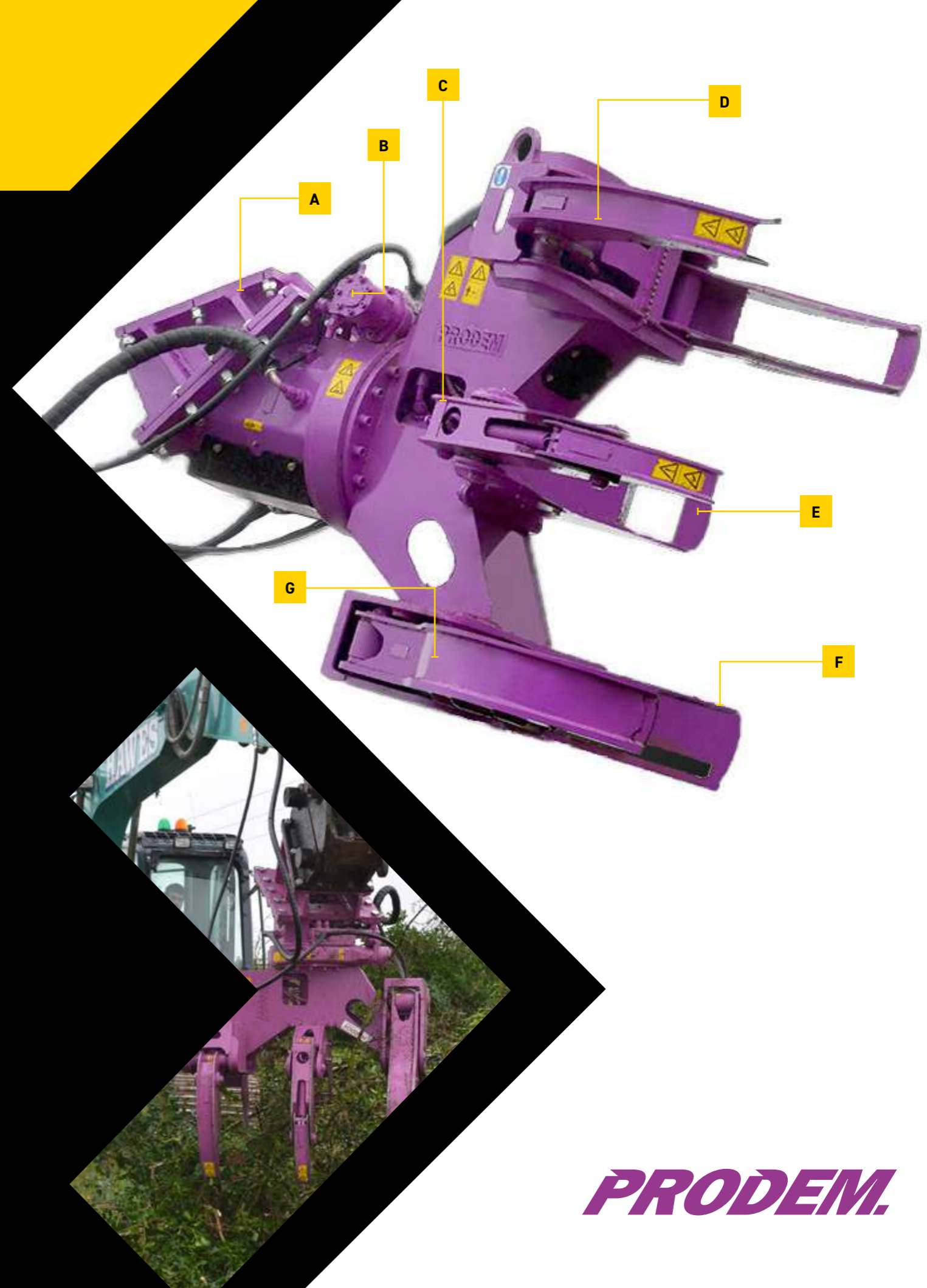
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Forestry Tree Shears

	PTS 050	PTS 060R	PTS 100R	PTS 150R	PTS 200R	PTS 250R
Excavator Weight class (t)	4.5-7	5.5-9	10-13	12-18	16-24	21-35
Working Weight (kg)	340	430	605	1200	1850	2060
Jaw max opening (mm)	900	900	450	605	780	850
Height (mm)	590	615	1200	1530	1840	1850
Accumulator Arm max opening (mm)	895	895	850	1150	1260	1500
Tip cutting force (t)	11	11	16	37	45	51
Max Pressure Main Line (cylinders - bar)	220	220	250	300	300	300
Flow main Line (l/min)	50/60	50/60	60/80	80/100	130/150	150/180
Max swing pressure (bar)	-	175	175	175	175	175
Max swing flow (l/min)	-	20	20	40	40	40
Max clamping load (kg)	300	300	400	500	900	1000
Max cutting diameter (at trunk -mm)	150	150	250	350	450	500

Product features

- A** Raised rotation mounting
- B** Hydraulic rotation motor
- C** Easy inspection access
- D** Hydraulically operated accumulation arms
- E** Optional central accumulation arm (selected models)
- F** Hydraulically driven cutting jaw and replaceable cutting blade
- G** Low positioned blades and serrated fixed jaw



PRODEM.

➤ Hydraulic Magnets

	HMAG PRO 700-21	HMAG PRO 900-34	HMAG PRO 1200-49	HMAG PRO 1400-509
Working Weight (kg)	440	900	1550	1700
Diameter (mm)	720	960	1250	1450
Power (220 vdc kw)	3	6	10	12
Tear-off w/air gap Ømm 300 Lifting Capacity (kg)	5500	10500	15000	18000
Slabs/Blocks Lifting Capacity (kg)	2750	5250	7500	9000
Pig Iron Lifting Capacity (kg)	105	230	410	580
Scrap Lifting Capacity - grade 3A (kg)	80	200	370	530
Scrap Lifting Capacity - grade 24 (kg)	70	190	360	510
Scrap Lifting Capacity - grade 40 (kg)	40	100	190	240
Oil Flow (lpm)	min. 23	min. 37	min. 53	min. 63
Max Working Pressure (bar)	350	350	350	350



Optional extra - HMAG with teeth

Product features

- A** Powerful hydraulic magnet generator, installation valves and high quality magnet, enclosed in robust shell
- B** Built in automatic valves for oil flow and pressure
 - Functions from one single button
 - Low Maintenance

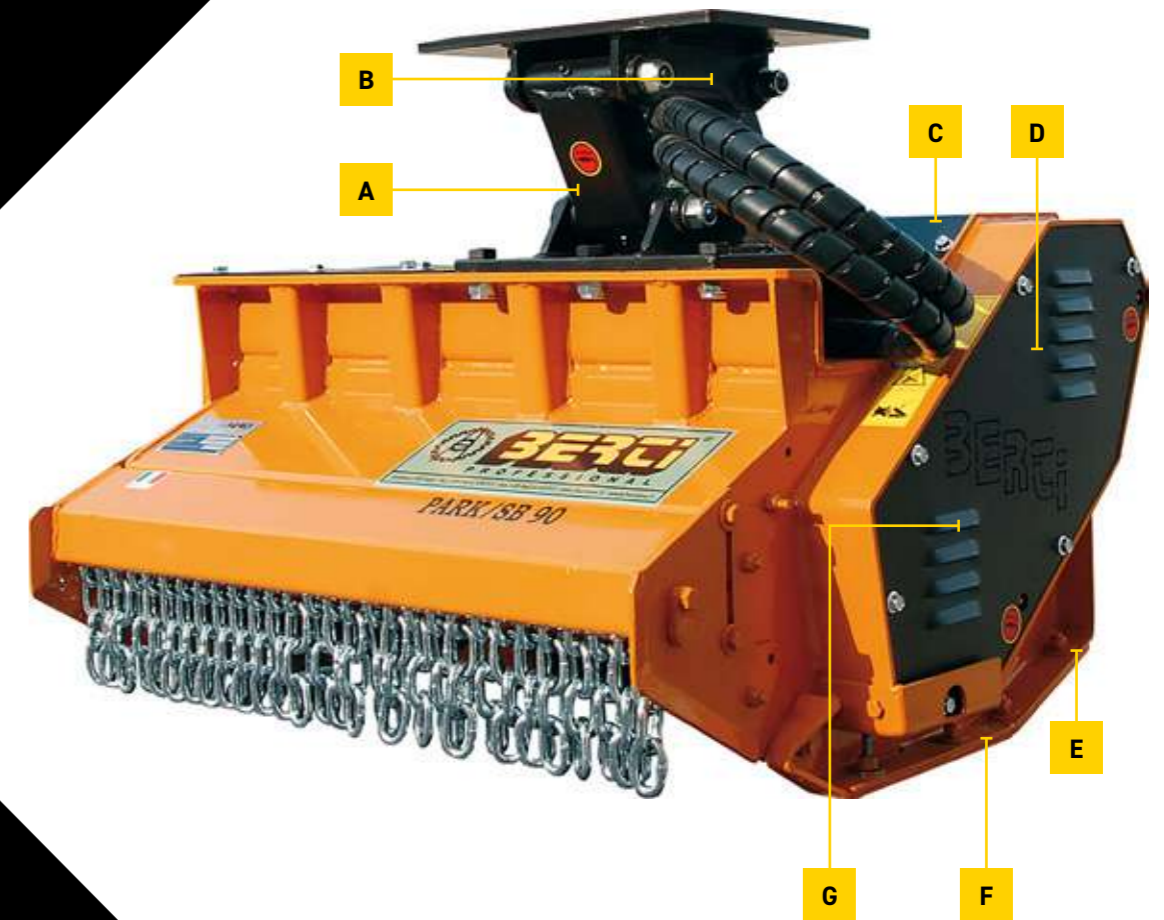


Flails

Model	Cutting Width (mm)	Number of Hammers	Number of Blades	Cuts Material (mm)	Required Oil Flow (lpm)	Working Pressure (bar)	Working Weight (kg)	Excavator Weight Class (t)
GREEN/SB60	600	10	20	10-20	25-30	195-205	100	1.5-2
GREEN/SB80	800	14	28	10-20	25-30	195-205	110	1.5-2
NKR/SB60	550	-	20	15-20	33-37	195-205	150	2-4
NKR/SB80	750	-	28	15-20	33-37	195-205	170	2-4
NKR/SB100	950	-	36	15-20	38-42	195-205	190	2-4
GKR/SB60	540	8	-	20-30	33-37	195-205	185	2.5-4
GKR/SB80	740	12	-	20-30	38-42	195-205	215	2.5-4
CKT/SB80	710	12	36	40	43-47	195-205	260	4.5-5.5
CKT/SB100	910	16	48	40	43-47	195-205	290	4.5-5.5
PARK/SB90	820	12	36	50	63-67	215-225	415	6-8
PARK/SB110	1020	16	48	50	63-67	215-255	455	6-8
RA/SB95	890	8	24	60	78-82	215-225	405	7.5-9
RA/SB115	1090	10	30	60	78-82	215-225	450	7.5-9
RA/SB125	1190	12	36	60	78-82	215-225	475	7.5-9
LAND/SB 160	1490	16	32	100-120	105-115	275	970	12-20
LAND/SB 200	1890	20	40	100-120	130	275	1080	12-20

Product features

- A** Self-levelling support (up to PARK SB model)
All models with under plate for mounting bracket
- B** Purpose made mounting hitch
- C** Removable front inspection hood
- D** High Quality Goodyear Drive Belts
- E** Levelling roller
- F** Side skids
- G** Enclosed and protected Drive Belts on applicable models



Swinging & Fixed Hammer Mulchers

Swinging Hammer Mulchers

Model	Cutting Width (mm)	Number of Hammers	Cuts Material (mm)	Required Oil Flow (lpm)	Working Pressure (bar)	Working Weight (kg)	Excavator Weight Class (t)
PARK/FM80	710	16	100	72-82	245-255	435	6-11
PARK/FM100	910	18	100	72-82	245-255	475	6-11
TBM/SB100	930	18	120	105-115	275-285	740	12-16
TBM/SB120	1130	22	120	105-115	275-285	820	12-16
TBM/SB140	1330	26	120	105-115	275-285	910	12-16
ECF MD/SB100	870	16	200	130-140	295-305	1044	15-20
ECF MD/SB120	1070	20	200	130-140	295-305	1140	15-20
ECF MD/SB140	1270	24	200	130-140	295-305	1245	15-20
ECF/SB120	1070	20	300	185-195	295-305	1470	18-30
ECF/SB140	1270	24	300	185-195	295-305	1595	18-30
ECF/SB160	1470	28	300	185-195	295-305	1715	18-30

Fixed Hammer Mulchers

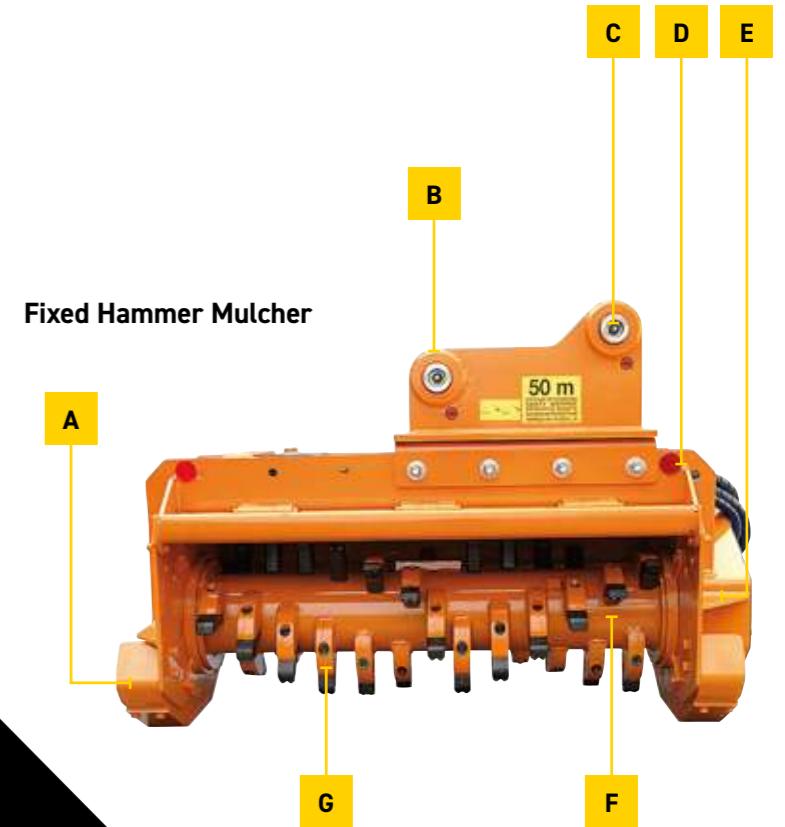
Model	Cutting Width (mm)	Number of Hammers	Cuts Material (mm)	Required Oil Flow (lpm)	Working Pressure (bar)	Working Weight (kg)	Excavator Weight Class (t)
PARK/FX 100	930	37	100	72-82	245-255	525	7.5-11
TFX/SB 100	1000	24	4	88-92	235-245	555	11-16
TFX/SB 120	1200	30	4	105-115	235-245	610	11-16
TFX/SB 140	1400	36	4	105-115	235-245	660	11-16
EFX MD/SB 100	1000	24	4	110-115	220-260	865	15-20
EFX MD/SB 120	1200	30	4	110-115	220-260	940	15-20
EFX MD/SB 140	1400	36	4	110-115	220-260	1070	15-20
EFX/SB 120	1200	30	4	130-140	220-260	1130	20-35
EFX/SB 140	1400	36	4	160-265	220-260	1300	20-35
EFX/SB 160	1600	42	4	160-165	220-260	1490	20-35

Product features

- A Side skids with replaceable wearing undershoes
- B Made to measure hitch
- C Protective cover for motor (behind the hoses)
- D Hydraulic piston motor with drainage line (models vary)
- E Transmission belts – high performance v-belts
- F Fixed teeth rotor
- G Replaceable fixed or swinging hammers (models vary)



Swinging Hammer Mulcher



Fixed Hammer Mulcher





Excavator Augers

Also available for Skidsteer Loaders

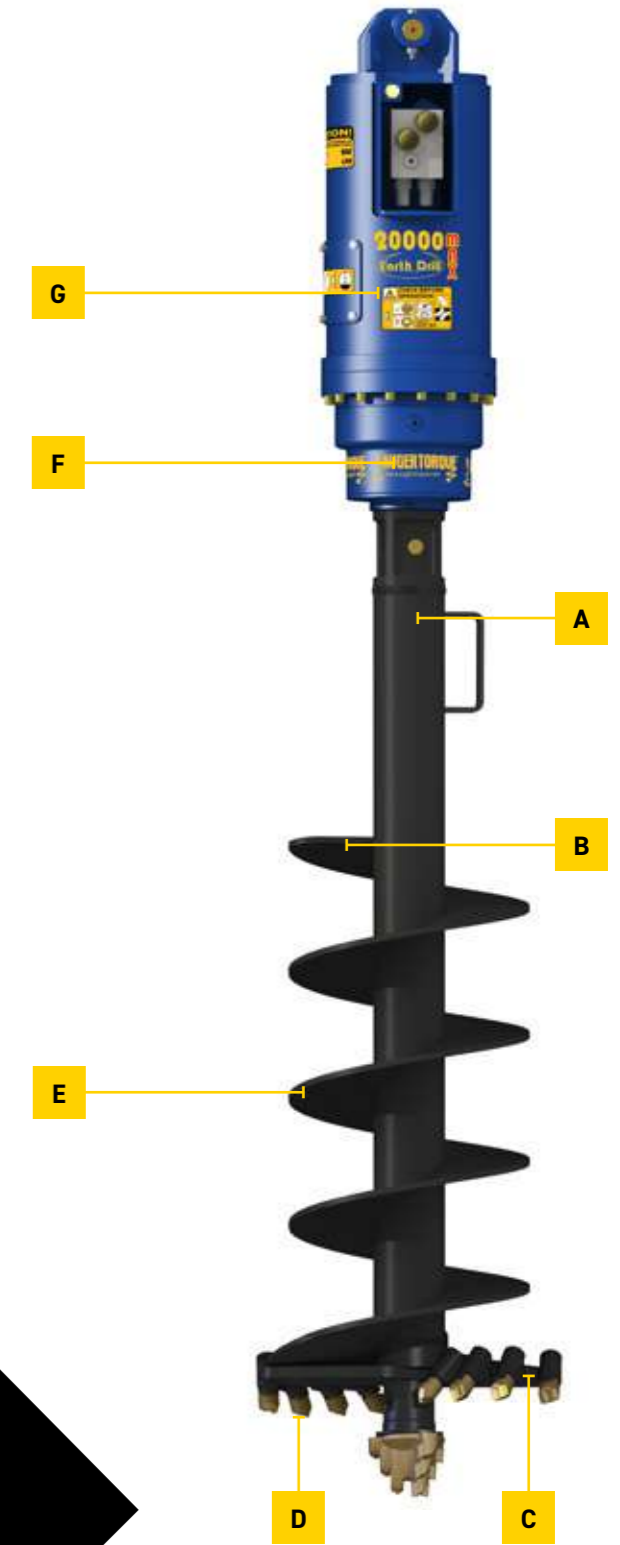
	1200	X1500	X2000	X2500	3000 MAX	3500 MAX	4500 MAX
Oil Pressure Range (bar)	30-185	70-205	70-240	70-240	80-240	80-240	80-240
Torque Range (nm)	89-1, 164	511-1496	639-2190	830-2847	959-2877	1205-3614	1500-4499
Oil Flow Range (lpm)	15-32	20-45	25-57	27-65	27-75	40-85	50-95
Hub Options	50mm Round Stihl	65mm Round	65mm Round	65mm Round	65mm Round	65mm Round	65mm Round (STD) 57mm Square 2" Hex
Weight (kg)	35	46	47	48	71	73	75
Hitch Options	Single Pin Hitch	Single Pin Hitch / Double Pin Hitch / Cradle Hitch					
Auger Range	S1/S2	S4	S4	S4	S4	S4	S4
Rec. Drilling Diameter Range (mm)	100-300	100-400	100-450	100-500	100-600	100-750	100-900
Excavator Weight Class (kg)	0.7-1	1.5-3	1.5-3	1.5-3	3-4	3.5-4.5	3-5

	5500 MAX	7000 MAX	8000 MAX	10000	12000 MAX	15000 MAX	20000 MAX
Oil Pressure Range (bar)	80-260	80-260	80-240	80-260	80-240	80-240	160-240
Torque Range (nm)	685-5477	2133-6931	2717-8152	3281-10662	3998-11995	5024-15071	13043-19564
Oil Flow Range (lpm)	40-115	60-135	70-150	70-150	80-170	80-170	80-170
Hub Options	75mm Square	75mm Square	75mm Square	75mm Square	75mm Square	75mm Square	75mm Square
Weight (kg)	108	112	116	162	172	173	268
Hitch Options	Hitch Options	Single Pin Hitch / Double Pin Hitch / Cradle Hitch					
Auger Range	S5	S5	S5	S6	S6	S6	S6
Rec. Drilling Diameter Range (mm)	150-750	150-900	150-1200	150-900	150-1000	150-1200	150-1200
Excavator Weight Class (kg)	4.5-6	5-8	5-8	8-11	11-15	11-15	12-22

Product features

- A** Drive shaft extensions are available to obtain deeper excavations
- B** Range of heavy duty flights from 100mm to 1500mm diameter
- C** Heavy duty tungsten or earth teeth available for all augers
- D** Shock lock replaceable wear parts
- E** Shallow pitch auger flights for maximum soil removal
- F** Innovative design with non-dislodgement shafts
- G** Drive motors to suit 0.7 - 45t excavators

Auger Drive Units & Flights available for machines up to 45 Ton





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