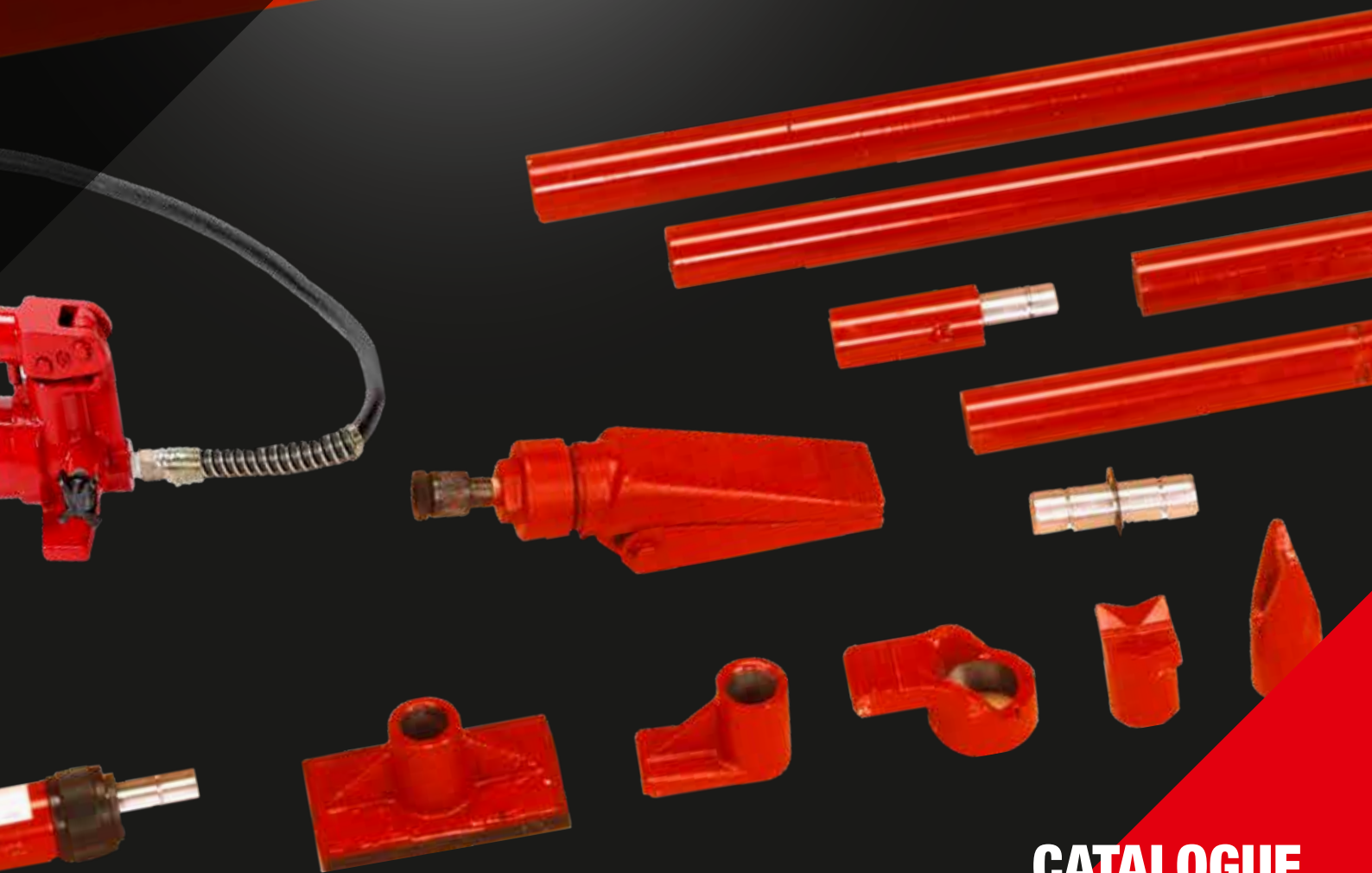


BLACKHAWK



CATALOGUE

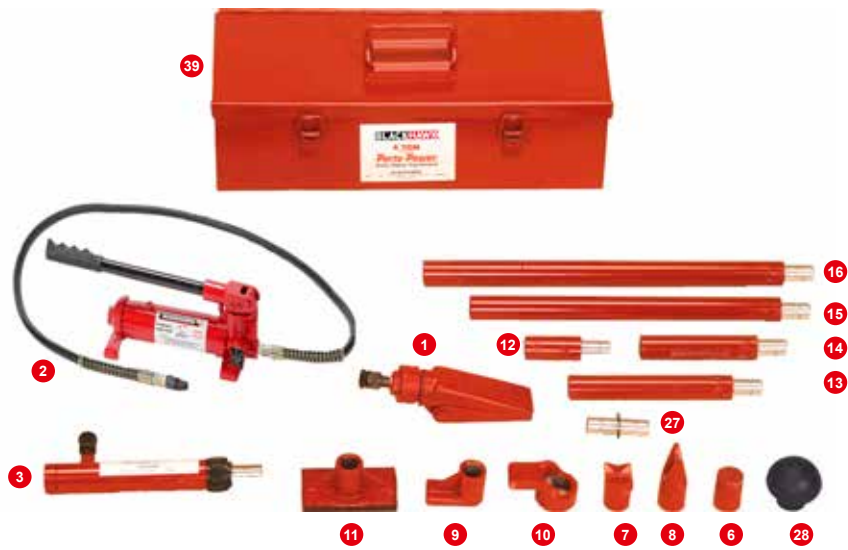
PORTO POWER & HYDRAULIC SETS



PORTO POWER



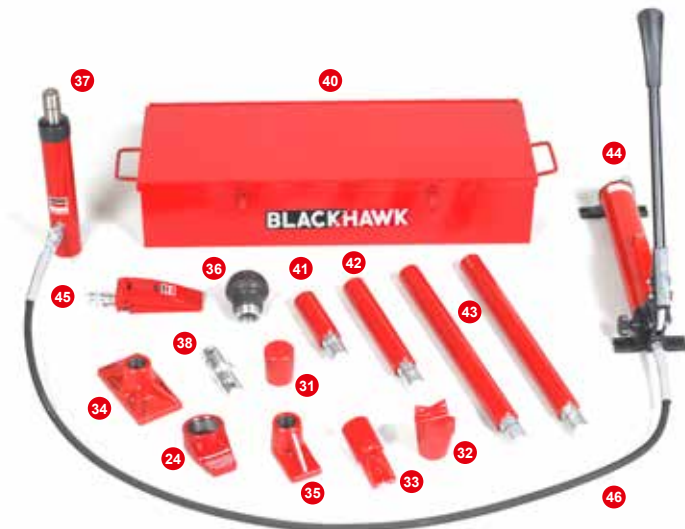
65132A
4T standard set



65135A
10T standard set



SF181A
10T standard set



COMPOSITION



		65132A	65135A	SF181A		65132A	65135A	SF181A
1	65123A	1	1	-	24	65169	-	1
2	65133A	1	-	-	25	65172	-	1
3	65134A	1	-	-	26	65173	-	1
4	65136A	-	1	-	27	65177	1	-
5	65137A	-	1	-	28	65178	1	-
6	65151	1	-	-	29	65179	-	1
7	65152	1	-	-	30	65180	-	1
8	65153	1	-	-	31	65637	-	-
9	65154	1	-	-	32	65638	-	-
10	65155	1	-	-	33	65639	-	-
11	65156	1	-	-	34	65640	-	-
12	65157	1	-	-	35	65642	-	-
13	65158	1	-	-	36	65667	-	-
14	65159	1	-	-	37	ARC157	-	-
15	65160	1	-	-	38	FZ1050	-	-
16	65161	1	-	-	39	H31614	1	-
17	65162	-	1	-	40	H31693A	-	1
18	65163	-	1	-	41	K239900	-	-
19	65164	-	1	-	42	K240900	-	-
20	65165	-	1	-	43	K241900	-	-
21	65166	-	1	-	44	PMP7600	-	-
22	65167	-	1	-	45	SA4	-	-
23	65168	-	1	-	46	Z913	-	-

PORTO POWER ACCESSORIES



4T PULL RAM SET

Porto Power Accessories



ARC1730

4T pull ram set used with coupler H68939 (1/4")

ARC1740

4T pull ram set. Quick chain anchoring used with coupler ZR400 (3/8")

	HDY26	HDY27
1 PMP7600	1	-
2 PMP1501	-	1
3 Z909A	1	1
4 AGF7000	-	1
5 ACH604	1	1
6 ARC2506	1	1
7 HDY2202A	1	1
8 HDY2203A	1	1
9 HDY2204A	1	1
10 HDY2206A	1	1
11 HDY2207A	1	1
12 HDY2208A	1	1
13 HDY2209A	1	1
14 HDY2210A	1	1
15 HDY2215A	1	1
16 HDY2216	1	1

HDY26

23T pull ram set + hand pump



HDY27

23T pull ram set + hydro pneumatic pump

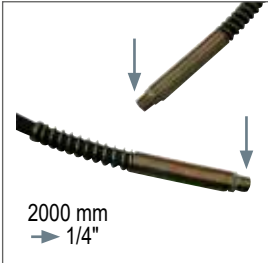


PORTO POWER ACCESSORIES

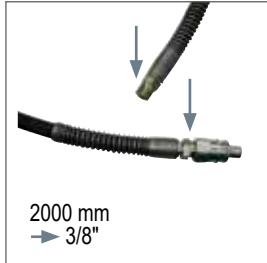


HOSES AND COUPLERS

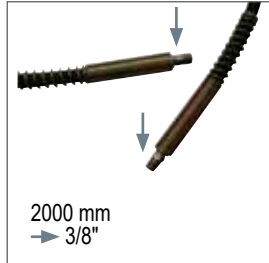
Z624A



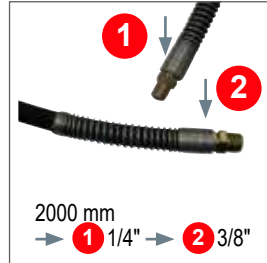
Z913A



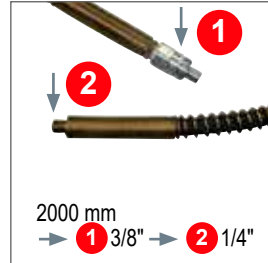
Z909A



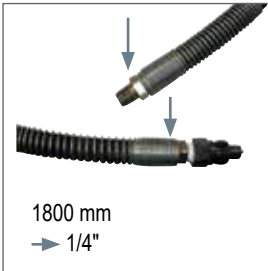
Z919A



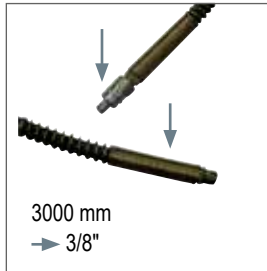
Z918A



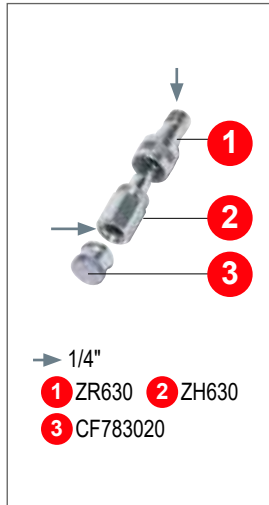
65176C



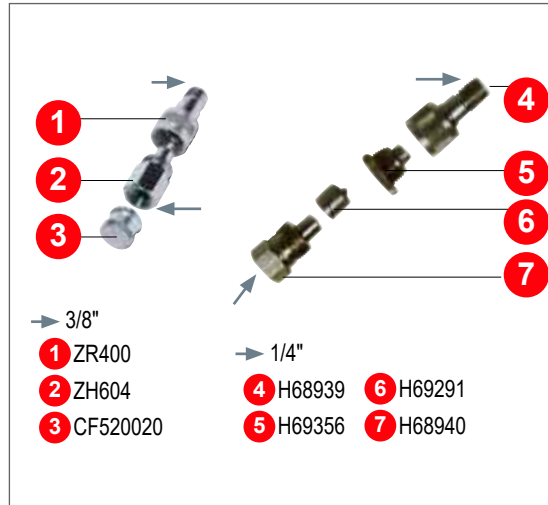
Z927A



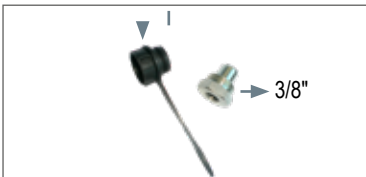
Z630



Z604



ACH604



PUMPS

65126A 4T



65133A 4T - 10T



PMP7610 10T



PMP8110 4T



PMP1530 23T



65126WA



65133WA



PMP7600



PMP8100



PMP1501







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



PUMPS

TECHNICAL SPECIFICATIONS



				
65126A	1/4"	638 cm ³	700 bar	6.8 kg
65133A	1/4"	400 cm ³	500 bar	4.7 kg
PMP7610	3/8"	770 cm ³	700 bar	6.2 kg
PMP8110	3/8"	1000 cm ³	700 bar	8.6 kg
PMP1530	3/8"	1500 cm ³	700 bar	8.8 kg
65126WA	1/4"	638 cm ³	700 bar	6.8 kg
65133WA	1/4"	400 cm ³	500 bar	4.7 kg
PMP7600	3/8"	770 cm ³	700 bar	6.2 kg
PMP8100	3/8"	1000 cm ³	700 bar	8.6 kg
PMP1501	3/8"	1500 cm ³	700 bar	8.8 kg

RAMS

							
65134A H68939	1/4"	84 cm ³	600 bar	4T	117 mm	279 mm	38 mm
RC263 ZR400	3/8"	16.4 cm ³	700 bar	4T	16 mm	41 mm	-
ARC1710 ZR400	3/8"	103 cm ³	700 bar	5T	141 mm	303 mm	57 mm
ARC1720 H68939	3/8"	104 cm ³	700 bar	5T	142 mm	303 mm	57 mm
ARC102 ZR400	3/8"	82 cm ³	700 bar	10T	57 mm	118 mm	57 mm
65137A H68939	1/4"	237 cm ³	670 bar	10T	152 mm	304 mm	57 mm
ARC157 ZR400	3/8"	220 cm ³	700 bar	10T	152 mm	370 mm	57 mm

RAMS



RC159	3/8"	220 cm ³	700 bar	10T	152 mm	298 mm	57 mm
ARC161	3/8"	366 cm ³	700 bar	10T	250 mm	402 mm	57 mm
ARC1610	3/8"	366 cm ³	700 bar	10T	250 mm	545 mm	57 mm
ASK257900	3/8"	366 cm ³	700 bar	10T	250 mm	480 mm	57 mm
RC250	3/8"	430 cm ³	700 bar	20T	129 mm	287 mm	86 mm
ARC2506	3/8"	525 cm ³	700 bar	20T	158 mm	263 mm	86 mm
65125	1/4"	524 cm ³	680 bar	25T	165 mm	280 mm	84 mm

SPREADERS



				1	2	3
RS80	3/8"	63.8 cm ³	700 bar	32 mm	292 mm	157 mm
RS100	3/8"	63.8 cm ³	700 bar	32 mm	292 mm	157 mm
65123A	1/4"	10 cm ³	580 bar	15 mm	66 mm	50 mm
SA4	3/8"	10.6 cm ³	700 bar	10 mm	95 mm	51 mm
SA6	3/8"	10.6 cm ³	700 bar	10 mm	95 mm	51 mm

GAUGES AND COUPLERS



		Used with		Coupler
V82	Shut off valve			
AGA1	Gauge adaptor, 70 mm length for pump and hose	PMP7600 PMP8131	3/8" NPT	
AGA21	Gauge adaptor, total length 155 mm, for pump and hose		3/8" NPT	
AGF10S				
AGF7000	Hydraulic pressure gauge 700 bars			
AGF23S				
FZ1616	Elbow		3/8" NPT	
FZ1614	Female coupling		3/8" NPT	
FZ1617	Hex nipple		3/8" NPT	
FZ1630	Reducer bushing		1 1/4" NPT 2 3/8" NPT	
FZ1055	Reducer		1 3/8" NPT 2 1/4" NPT	

ATTACHMENTS FOR USE WITH 10-20T HYDRAULIC RAMS



		Used with			
					
FZ1050	Tube connector	10T	10T	20T	
FZ1051	Male Adaptor		10T		
FZ1052	Female adaptor		10T		
Z10	Male connector	10T			
Z242	Threaded connector			20T	
Z436	Serrated Saddle			20T	
Z1047	90° V base			20T	
Z595	Toe lift			20T	
Z21	Lock pin	10T			
Z238	Chain pull plate			20T	
Z218	Single hook 8' chain			20T	
65634	Tube adaptor	10T	10T		
65651	Adjustable extension		10T		
AEK327	Single hook chain	10T	10T		

HYDRAULIC SETS



HYDRAULIC SETS

HYDRAULIC SETS - HEAVY DUTY



HDY25
Hydraulic stand



HDY22B
With cylinder ARC2506 stroke 158 mm



HDY2504
Hydraulic stand with accessories



HDY23A
With cylinder ARC2514 stroke 362 mm



PMP1530



ARC23
"C" PRESS - 23T - COMPLETE



ARC21
"C" PRESS - 10T - COMPLETE

BLACKHAWK

BLACKHAWK SAS

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