

BLACKHAWK



BLACKHAWK

CATALOGUE





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CATALOGUE

**MEASURING
SYSTEMS**



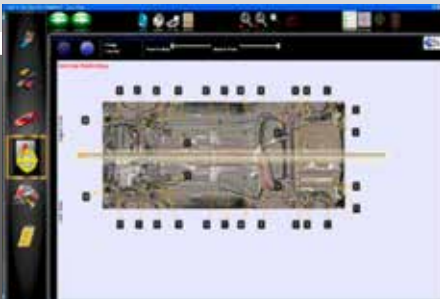
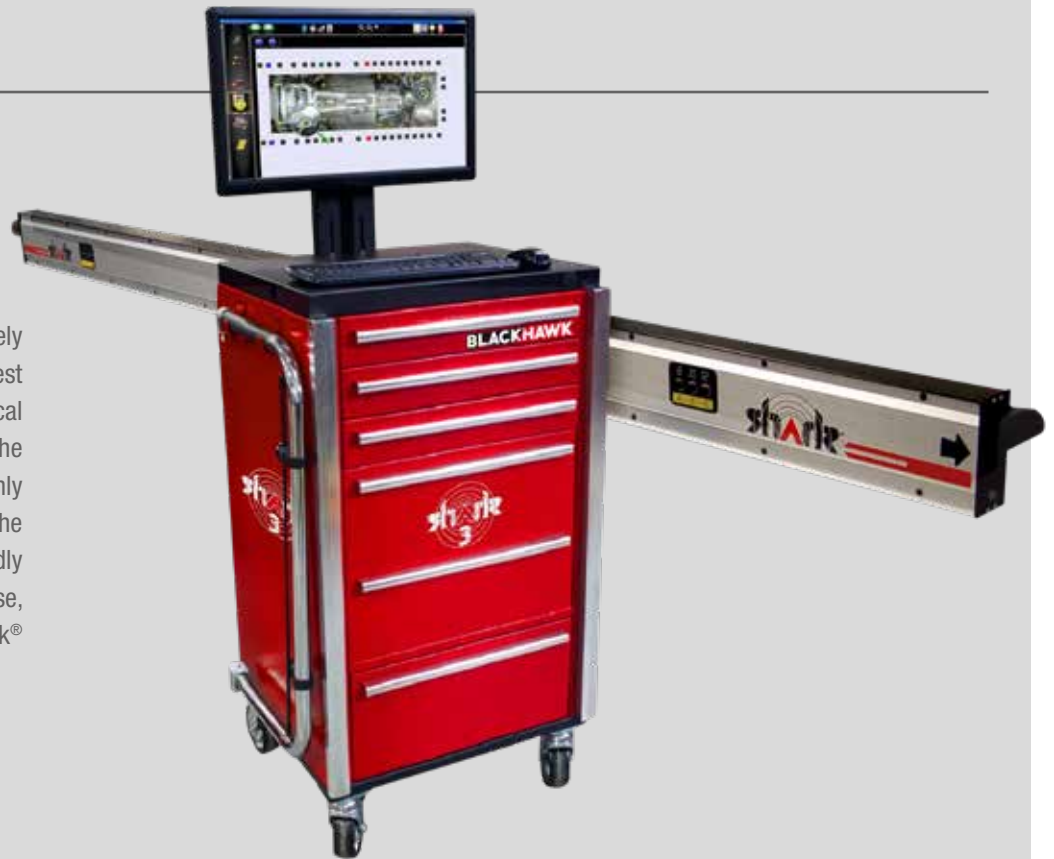
SHARK

SHARK is the universal electronic measuring system par excellence for diagnosis and repair.



SHARK

Easy and fast to use. Reliable, extremely precise and repetitive results on all test points. Much easier than mechanical measuring, but the same logic. The ultrasonic technology and the highly developed computer program used by the SHARK make it a particularly userfriendly system. Easy and natural training and use, SHARK will complement all Blackhawk® straightening systems and many others.

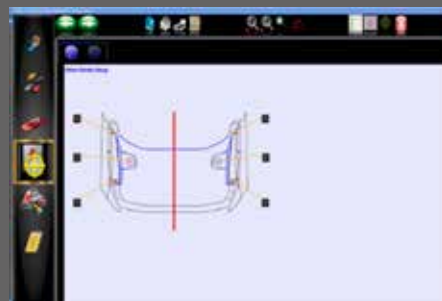


4 MAIN PARTS:

- Ultrasonic emitting probes
- Magnetic connection
- Receiving beam
- Console with computer, USB stick, keyboard, colour screen and drawers for the accessories



shark
III



TECHNICAL SPECIFICATIONS



HARDWARE

- New look cabinet
- 4x7.5 cm diam. chrome locking casters
- 27" LCD HD display for maximum viewing from anywhere around the vehicle
- Probe cords incorporate Velcro straps for easy storage
- Polyurethane foam with accessory identifiers provides max. separation of magnetic extensions and increased accessory protection



Measuring of high test point (Mc Pherson)

Optional: MC PHERSON



COMPOSITIONS



SET WITH 8 PROBES

SHA54 - without Mc Pherson

SHA50 - with Mc Pherson

SET WITH 6 PROBES

SHA55 - without Mc Pherson

SHA51 - with Mc Pherson

SHA54 / SHA50 / SHA55 / SHA51



220 V



500 W



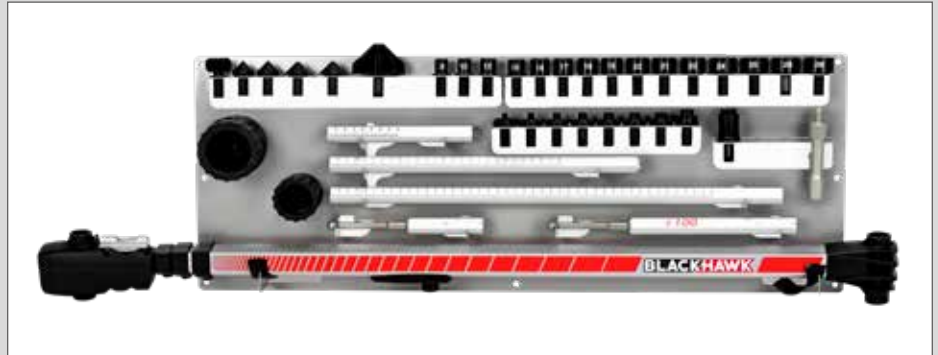
TECH TRAM

Telescopic measuring gauge for diagnosis and control
with digital display (400mm - 2665mm)



TECHTRAM

TELESCOPIC MEASURING GAUGE FOR DIAGNOSIS AND CONTROL WITH DIGITAL DISPLAY 400mm - 2665mm



Version on metal tool panel P/N: MGE10

TECH TRAM™ is a telescopic digital measuring gauge, very easy to use and allowing quick controls of measuring points.



Version in carrying case P/N: MGE11

ADVANTAGES:

- Quick and easy measuring of lengths, widths and diagonals
- Built-in spirit level allows you to check height anomalies
- Designed for use on all straightening systems and as a diagnostic tool in combination with a 2 post lift.
- Magnetic mount allowing the measuring to be carried out by only one person
- Results are saved and printed in pdf format.





AEK119 AEK329 AEK419

Telescopic gauge with accessories for comparative measuring.

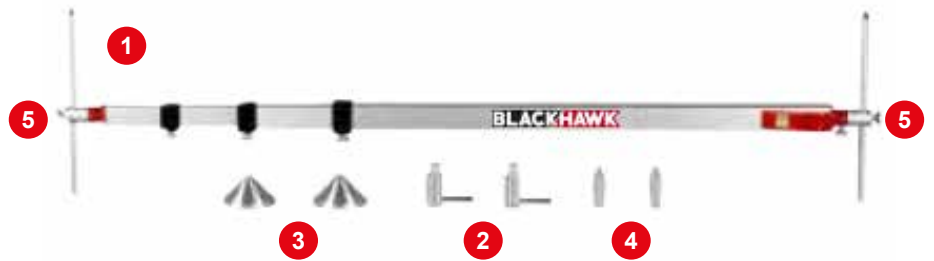
TELESCOPIC GAUGE WITH ACCESSORIES FOR COMPARATIVE MEASURING

High quality, accurate and very easy to use, German and Swiss production.

AEK119



AEK329



AEK419



AEK119

1,45 kg

415 mm

925 mm

AEK329

2,0 kg

920 mm

2600 mm

AEK419

2,3 kg

950 mm

3250 mm

		AEK119	AEK319	AEK419
1	F13820	2	2	2
2	F13790	2	2	2
3	F21900	2	2	2
4	F17870	2	2	2
5	F16450	2	2	2

CATALOGUE

**STRAIGHTENING
SYSTEMS**

STRAIGHTENING SYSTEMS



KOREK

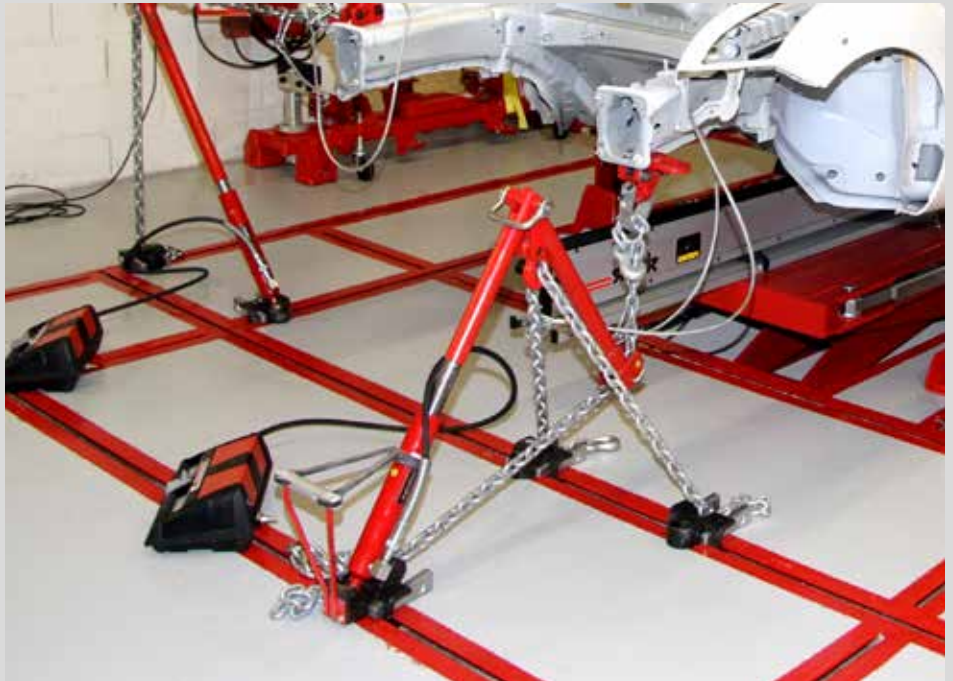
The most efficient and currently the most sold straightening system worldwide



KOREK

ADAPTED TO ALL TYPES OF REPAIR JOBS AND ALL KINDS OF VEHICLES

- Modular frame
- Inbuilt lift
- Rigid anchoring
- Pull/push units



PUSH



PULL

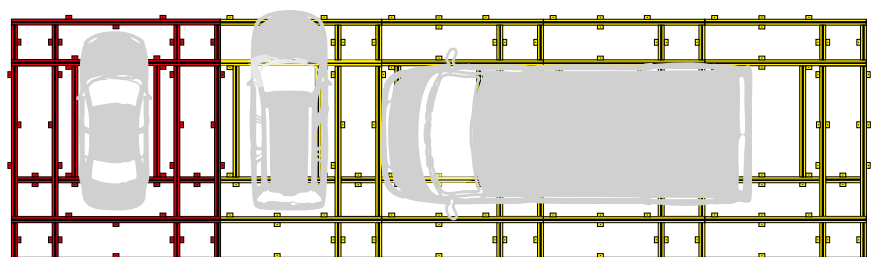
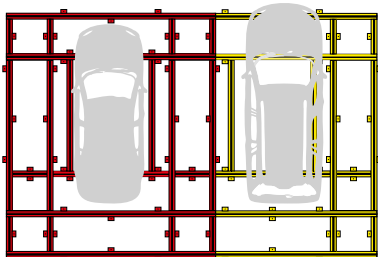
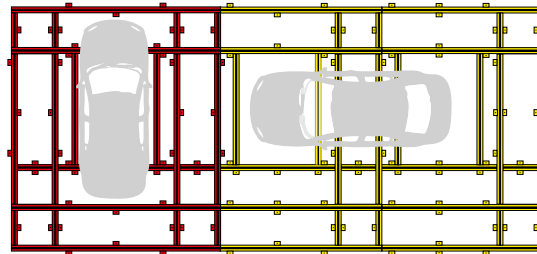
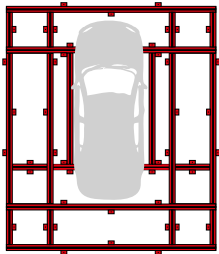


- Fast and easy set up
- Work at chosen height
- Optimum anchoring
- Multiple pulls and pushes
- Can be combined with measuring
- Multipurpose space
- Push / pull capacity / 8 to 10T pull

THE FRAMES WORKING BAYS



A MODULARITY WHICH CAN BE ADAPTED TO YOUR NEEDS

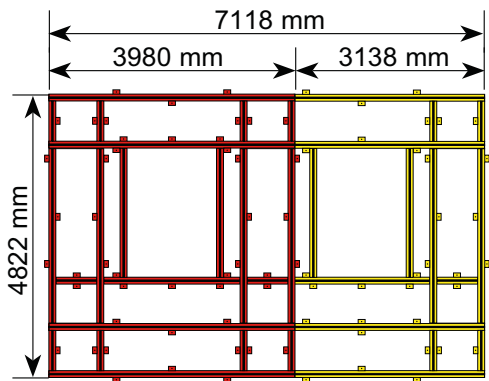
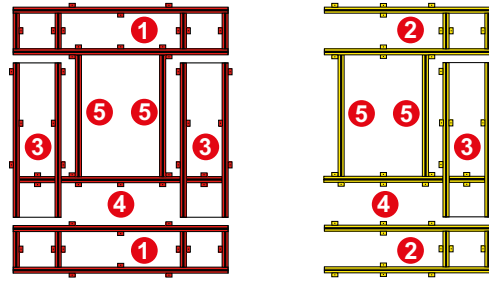


The modular Korek® frame is composed of parts very easy to put together. One base module is suitable for one work area. By adding standard complements, you can obtain the frame length which corresponds to the size of your shop and number of working bays. There is no limit! Frames can also be installed above floor.

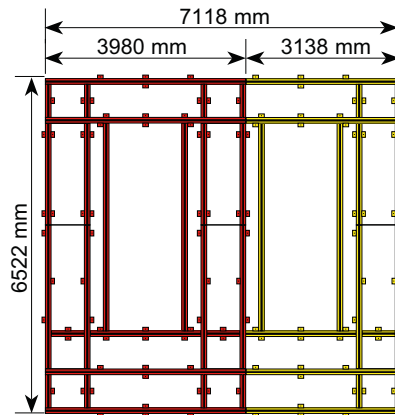
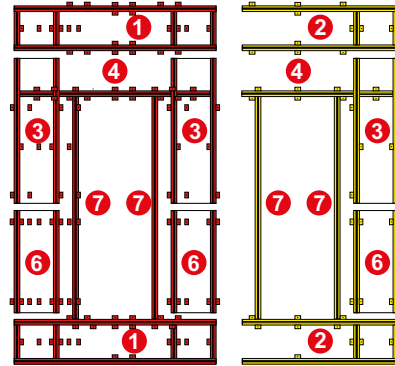
ASSEMBLY= SIMPLICITY






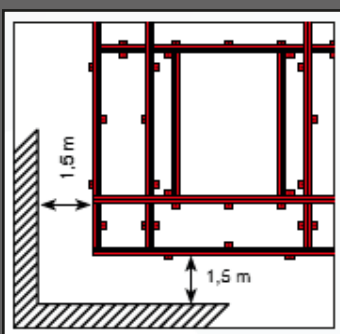
ASK1605901PLS - ASK160500PLS



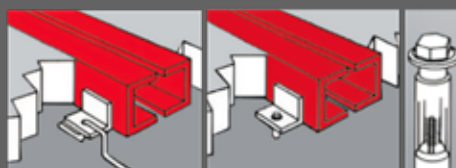
ASK1607901PLS - ASK160700PLS



				
1	S060L131	3980 mm	842 mm	272 kg
2	S060L131	3138 mm	842 mm	190 kg
3	S060L130	3138 mm	842 mm	182 kg
4	S060L128	2296 mm	119 mm	59 kg
5	S060L133	2295 mm	130 mm	73 kg
6	S060L129	1700 mm	842 mm	91 kg
7	S060L127	3995 mm	130 mm	128 kg



Possibility of bolting the frame to the floor. Please contact a BLACKHAWK technician



LIFTS / A COMPLETE RANGE

STL3500



In-floor lift with telescopic arms and electric pump + remote control for Korek installation only



SPECIFICATIONS

STL3500

1350 mm

3,5 T

STL50



**LIFT WITH TELESCOPIC ARMS,
ELECTRIC PUMP AND REMOTE CONTROL**

- In-floor or above floor installation



SPECIFICATIONS

STL50

1200 mm

3,5 T

PULLING TOWER PTK10



10 T pulling tower especially suitable for pulling at high points for Korek system

COMPOSITION

1	PTK100	1
2	PTK101	2
3	PMP8130	1
4	AEK99	1
5	AEK304	1

OPTION



PTK11

•Push accessories set



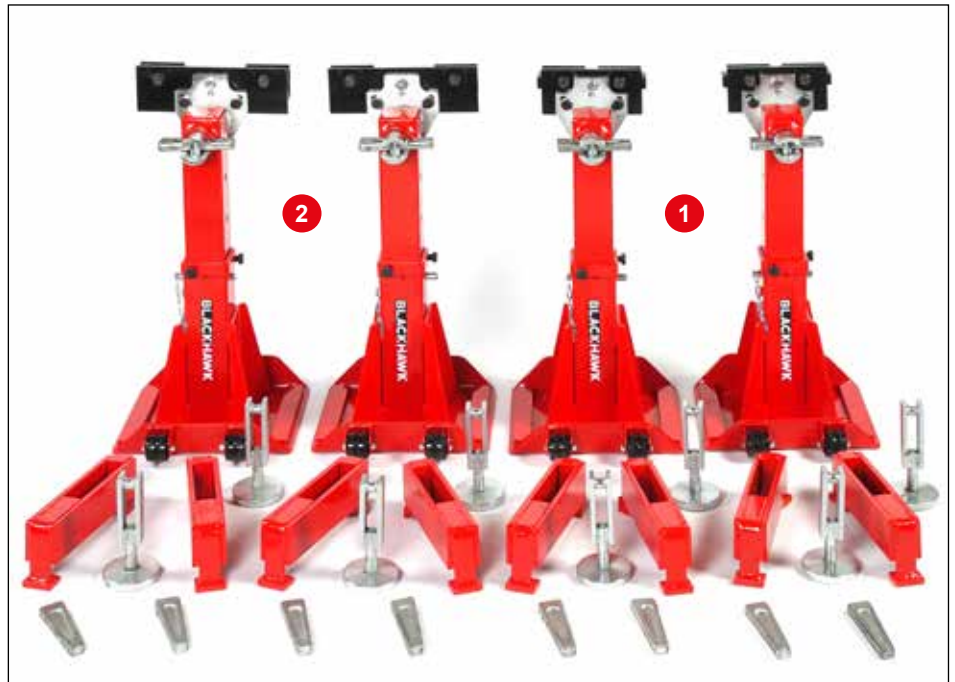
POWER LOK® AFM813H



It ensures an efficient anchoring at the right height

306 KG / 3 POSSIBLE HEIGHTS

- Max. 750 mm
- Med. 560 mm
- Min. 460 mm



COMPOSITION

1	AEK158.2	L 235 mm	Standard
2	AEK159.2	L 350 mm	Standard

AFM813H

- The clamps can be replaced by specific clamps for specific vehicle models.



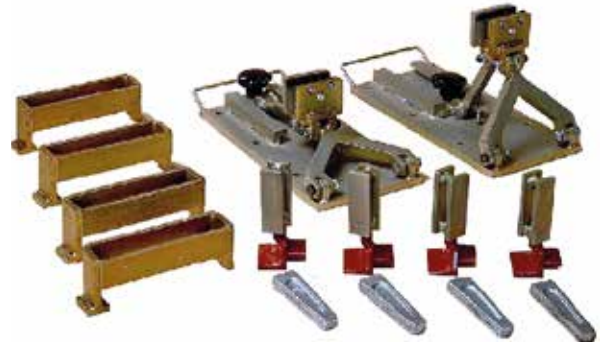
Thanks to its 4 robust clamp supports on wheels, the Power Lok® maintains the car at a comfortable working height and keeps it clamped firmly against the unflinching rigidity of the Korek® frame. The vehicle underbody which has become easily accessible, keeps its perfect rigid position during the repairs. The Power Lok® ensures swift, efficient and accurate straightening.

QUICK ANCHOR SYSTEM



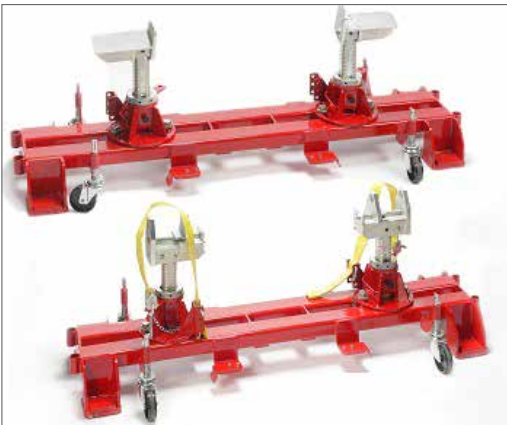
AFM822B For small damages

May be used on Power Lok® and on Korek® rails



AFM28

Anchoring system for chassis type vehicle and 4WD

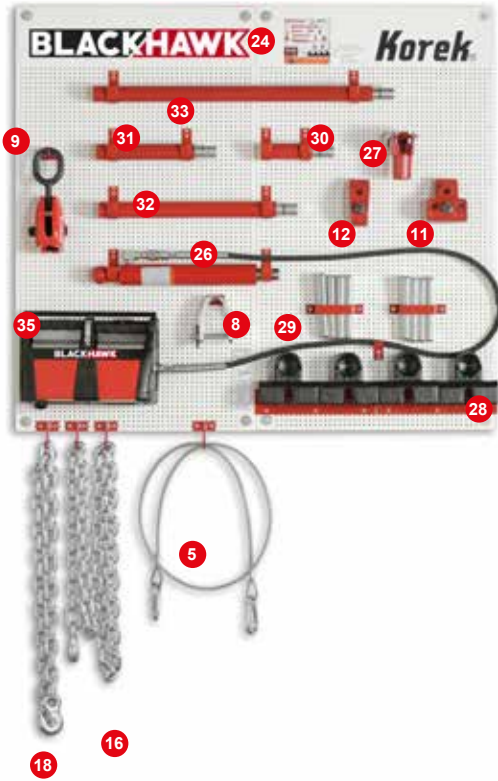


PULL UNITS

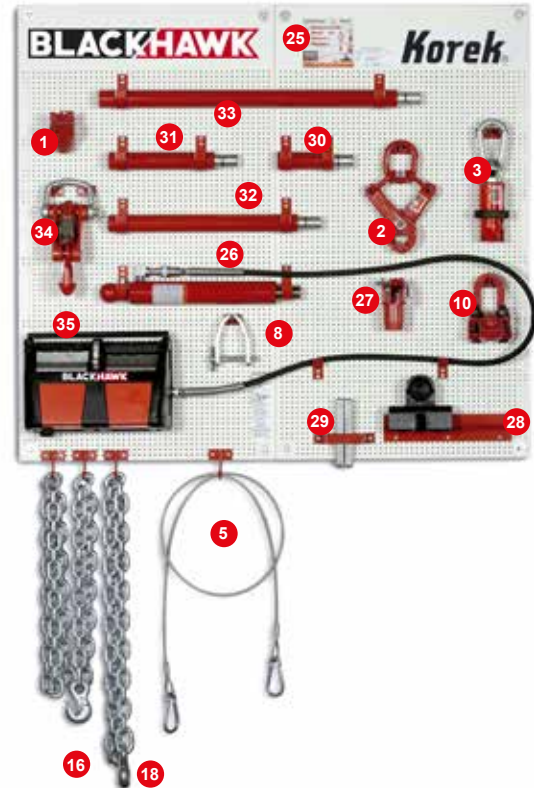
AFM1320 (AFM1310+AFM1315)



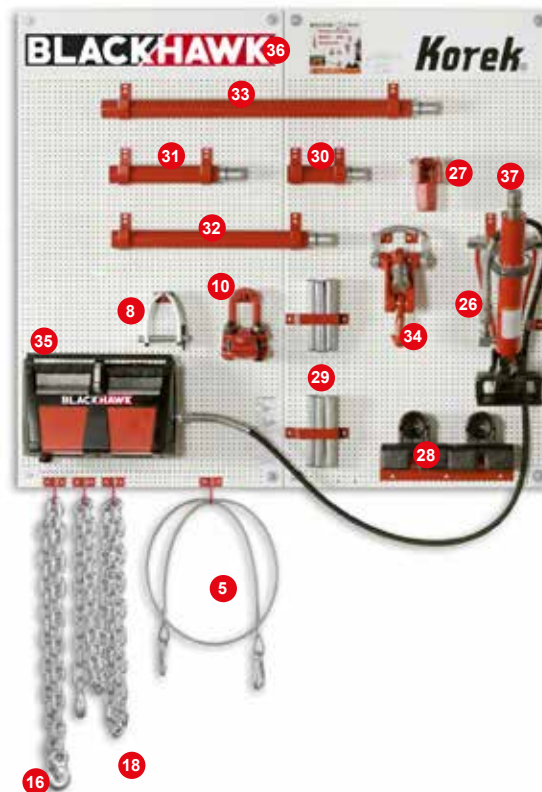
AFM1310



AFM1315



AFM1400A

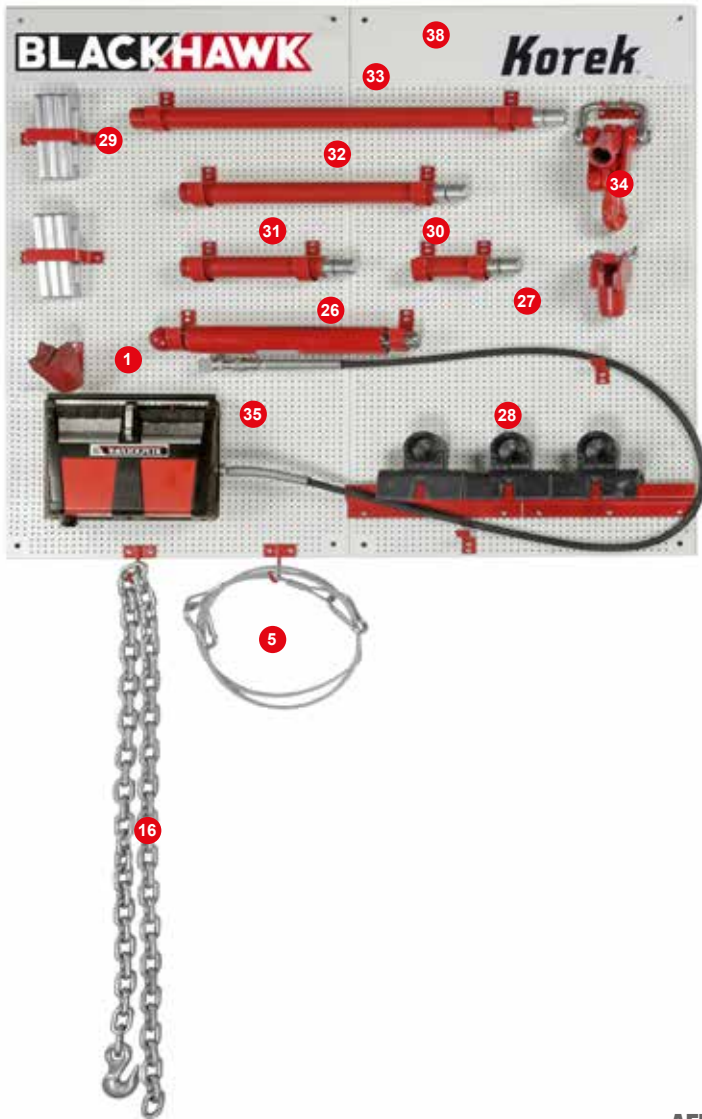


		AFM1310	AFM1315	AFM1320	AFM1400A	
1	65638		1	1		
2	97200S		1	1		
3	97401S		1	1		
4	97605E					
5	AEK99	1	1	2	1	
6	AEK102					
7	AEK103	600 mm				
8	AEK105S	1	1	2	1	
9	AEK182S	1		1		
10	AEK183		1	1	1	
11	AEK232	1		1		
12	AEK233	1		1		
13	AEK235S					
14	AEK271					
15	AEK301					
16	AEK307	2700 mm	1	1	2	1
17	AEK332					
18	AEK327	2100 mm	1	1	2	1
19	AEK329					
20	AEK428					
21	AFM1135A					
22	AFM1361					
23	EK402T					
24	AFM1311	1		1		
25	AFM1316		1	1		
26	ASK257900	1	1	2	1	
27	K178264	1	1	2	1	
28	K179038	4	1	5	2	
29	K238320	8	2	10	6	
30	K239900	1	1	2	1	
31	K240900	1	1	2	1	
32	K241900	1	1	2	1	
33	K242900	1	1	2	1	
34	K830901		1	1	1	
35	PMP8110	1	1	2	1	
36	AFM1401				1	
37	AFM830A				1	
38	AFM1391					

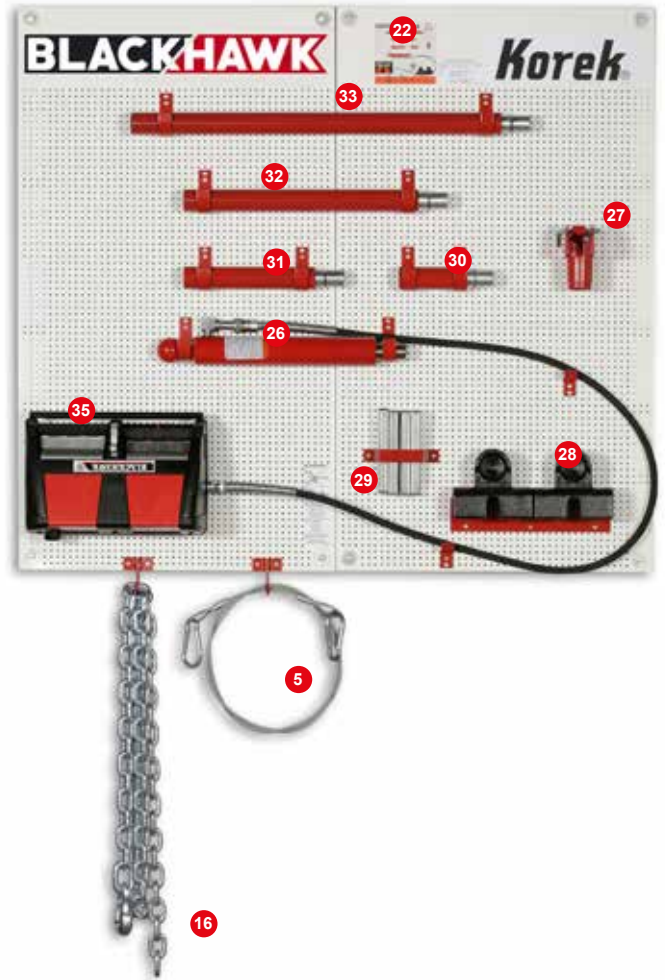
PULL UNITS



AFM1390



AFM1360



AFM135A



	AFM135A	AFM1360	AFM1390	
1	65638		1	
2	97200S			
3	97401S			
4	97605E	1		
5	AEK99	1	1	
6	AEK102	1		
7	AEK103	600 mm	1	
8	AEK105S			
9	AEK182S			
10	AEK183			
11	AEK232			
12	AEK233			
13	AEK235S	1		
14	AEK271	1		
15	AEK301	1		
16	AEK307	2700 mm	1	1
17	AEK332	1		
18	AEK327	2100 mm		
19	AEK329	1		
20	AEK428	1		
21	AFM1135A	1		
22	AFM1361		1	
23	EK402T	1		
24	AFM1311			
25	AFM1316			
26	ASK257900		1	1
27	K178264		1	1
28	K179038		2	3
29	K238320		4	6
30	K239900		1	1
31	K240900		1	1
32	K241900		1	1
33	K242900		1	1
34	K830901			1
35	PMP8110		1	1
36	AFM1401			
37	AFM830A			
38	AFM1391			1

ADDITIONAL ACCESSORIES



AFM830A



Anchor shoe for Korek

AFM8401



Pulley for downward pulls 10 T

KOR1000

Air connecting pots for Korek®



KOR10

Kit with 6 pots for short Korek® frame

KOR11

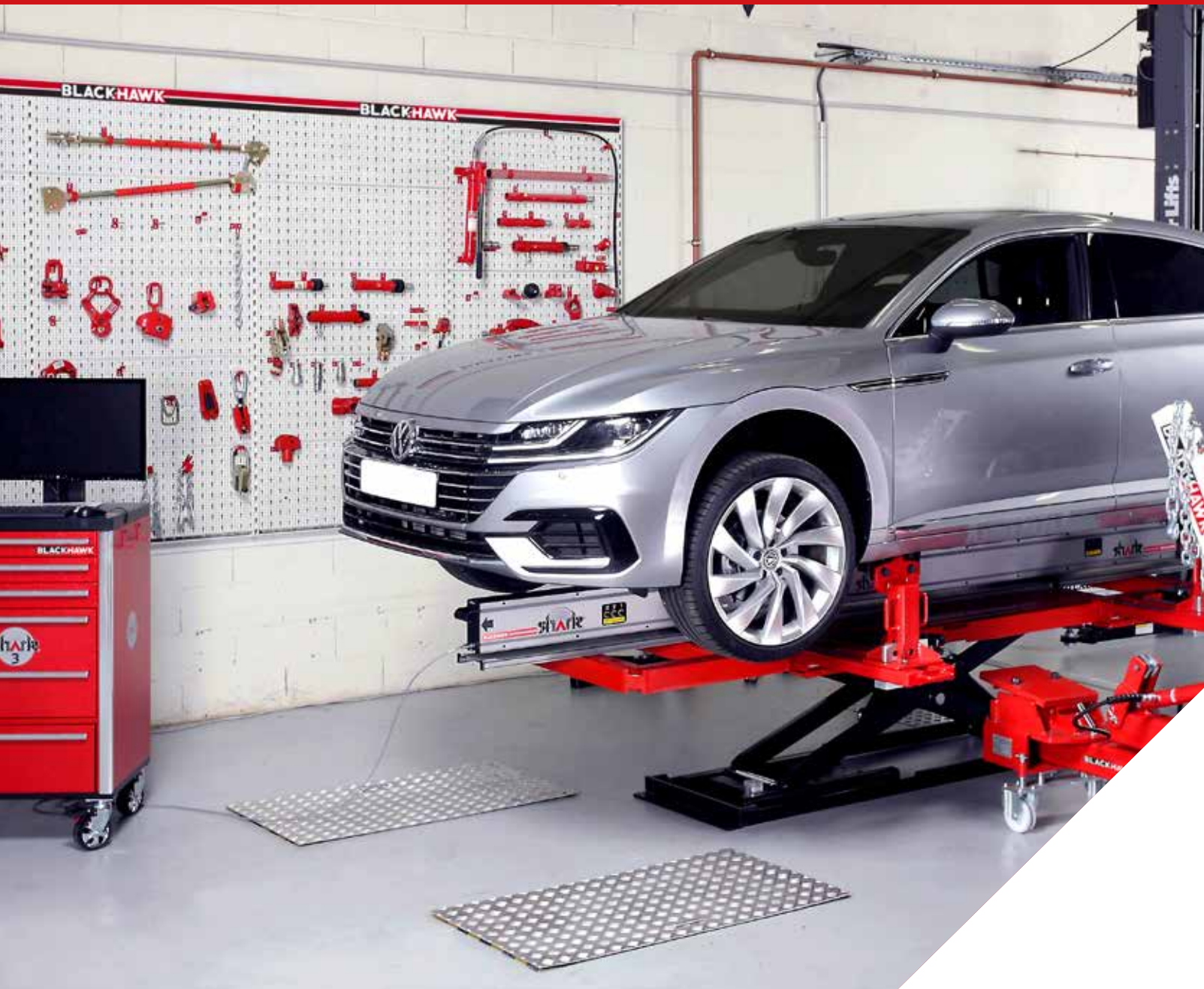
Kit with 8 pots for long Korek® frame





POSTLIFT

Quick repair concept



POSTLIFT

QUICK REPAIR CONCEPT

- Compact and robust lift, great lifting height
- Great pulling force, Dozer with 10T ram
- Compatible with electronic or mechanical measuring systems
- Max. lifting height on table: 1300 mm
- Max. lifting height on clamps: 1700 mm
- Lifting capacity: 3.2T



Fast and easy vehicle set up

DOZER

Great pulling force
dozer with 10T ram



PL10D

Adapted to Shark measuring system



OPTIMAL

Force of scissors lifting





PLT14
Vector pulling arm for
Postlift



Down pull with pulley



Double push/pull



STRAIGHTENING SYSTEMS



MINIPOST II

Straightening bench for quick repairs



MINIPOST II

SIMPLE, ROBUST, FAST AND MORE FUNCTIONAL

Lifting table capacity 3T.

Lifting with hydro-electric pump and remote control included.

Can be installed in-floor.



PULLING ARM WITH 5T RAM

MPT6010

The Minipost II has an articulated Dozer pulling arm, enabling pulling angles to be replicated all around the vehicle.



ANCHORING

MPT6005

Set of 4 adjustable pads on mobile arms



MPT6003

Set of 4 clamps on mobile arms



COMPLETE SET



Straightening bench with remote control



COMPOSITION

	MPT60	
1	MPT6000	1
2	PL123	1
3	MPT6003	1
4	PMPLIFT	1
5	MPT6010	1

	MPT61	
1	MPT6000	1
4	PMPLIFT	1

TECHNICAL SPECIFICATIONS

Power supply for electro hydraulic pump	400 V – 3 ph
Minimum table height	120 mm
Maximum height	1300 mm
Lifting capacity	3T
Straightening cylinder	5T
Dimensions	3000 x 1080 x 120 mm

OPTIONS



B054
Multidirectional pulley
for dozer



MPT6009
Extension plates for using
Shark system for diagnosis



MPT6011
Pit frame



MPT6008
Set of 2 drive-on ramps,
lifting by wheels, lifting
capacity 3T



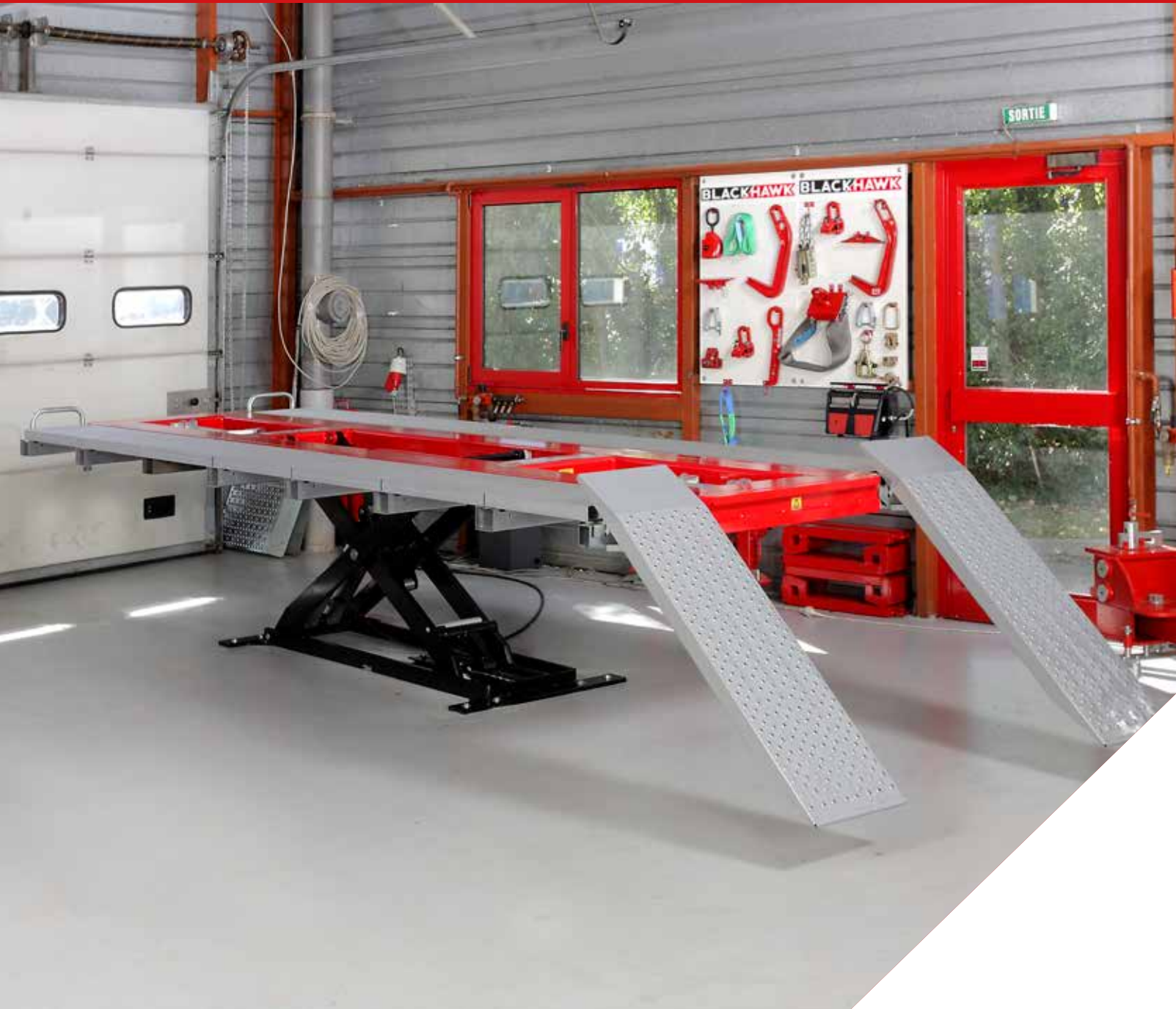
Installing and clamping the vehicle
with an innovative system



STRAIGHTENING SYSTEMS



POWER-PRO46



POWER-PRO46

PLT46

- Robust anchoring
- Considerable straightening force-Dozer with 10T ram

TECHNICAL SPECIFICATIONS

- Lifting capacity : 3000 Kg
- Lifting height : 1300 mm
- Minimum height: 140 mm
- Voltage: 220 / 400V, 3 ph,
- Dimensions : L 4610 mm - l 1000 mm - H 140 mm



PLT46

Perfect combination with the measuring system Shark®
Quick and easy installation



Drive-on bench and removable access ramps



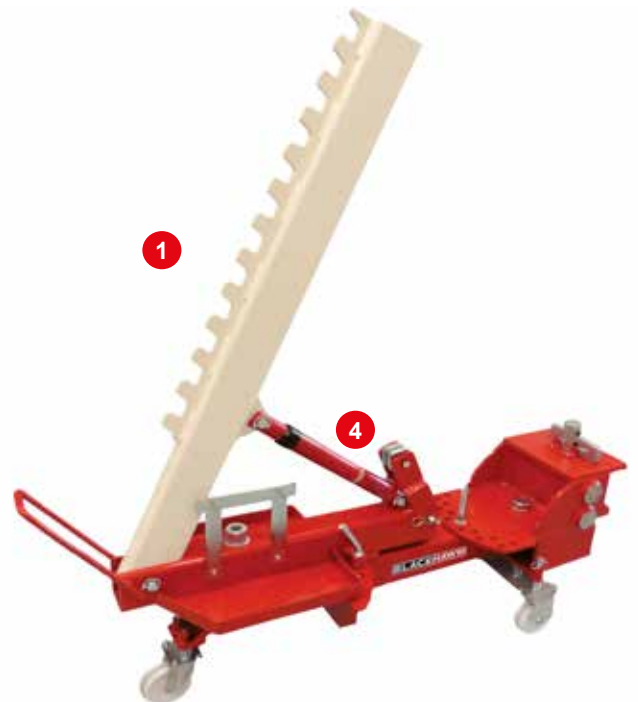
DOZER PULLING ARM



COMPOSITION

		OPTION	
		PLT42	PLT43
1	PLT420W	1	1
2	PLT480	1	0
3	PLT552*	4	0
4	ARC1610	1	1
5	PMP8110	1	1
6	AEK302	1	1
7	AEK99	1	1
8	AEK428	1	0
9	AEK183	0	1
10	AEK105S	0	1

*Set of 4 clamps

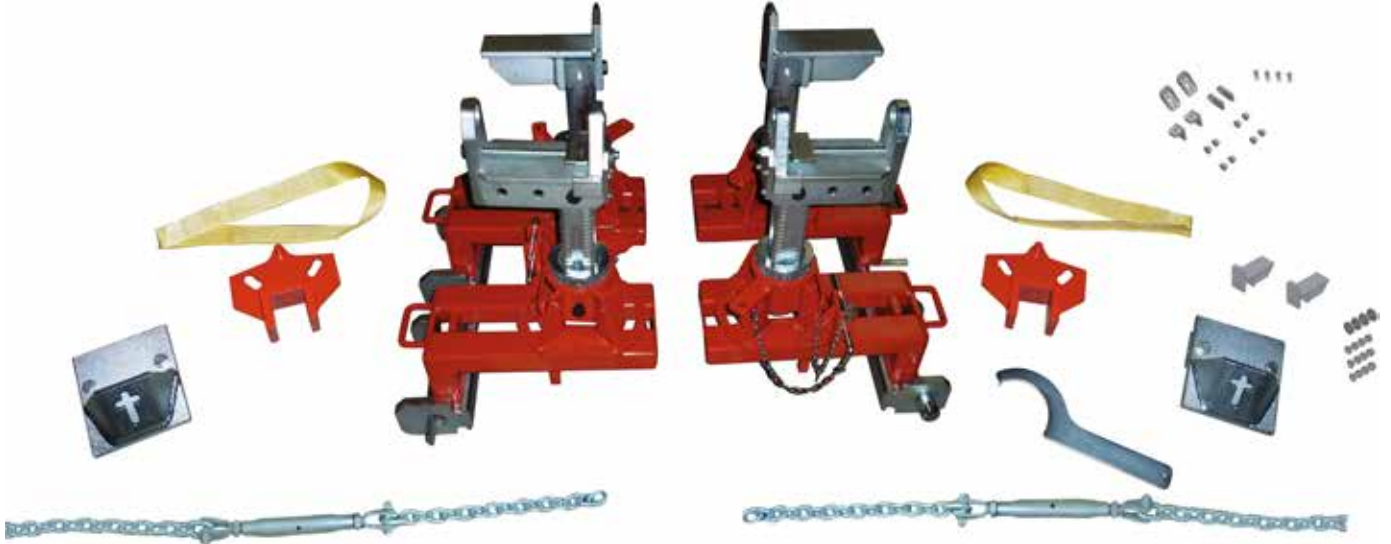


OPTIONS



PLT19

Set / Anchoring system for chassis type vehicle and 4wd



PLT4001A

Vector pulling arm with accessories



STRAIGHTENING SYSTEMS



PULLING TOWERS

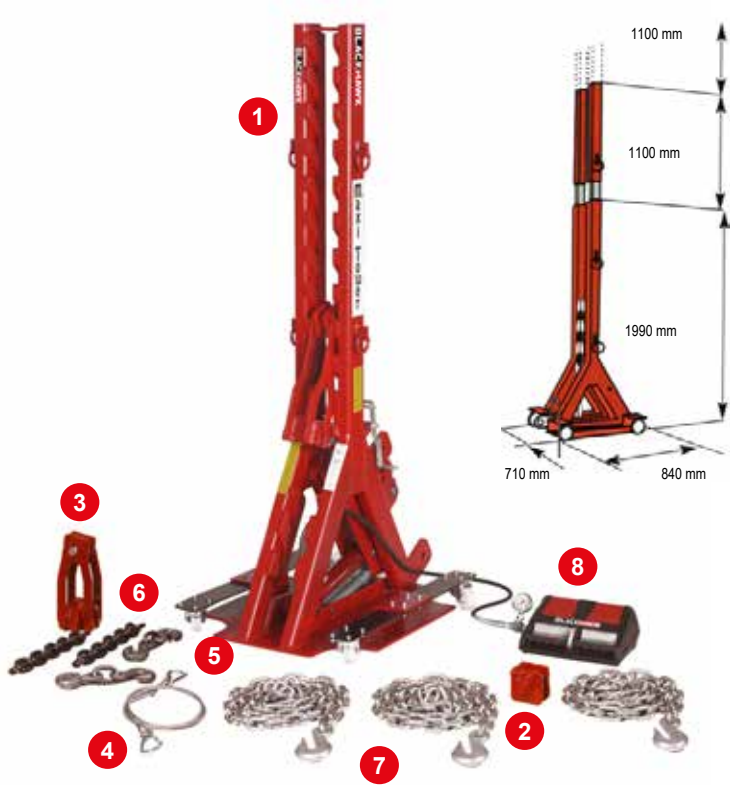
PULLING TOWERS



MAXI TOWER



COMPLETE SET



	HD71B	HD72B
1 HD700A	1	1
2 HD703A	1	0
3 HD704A	1	0
4 HD99	1	1
5 HD332	2	2
6 HD8307	2	2
7 Z219	3	3
8 PMP8130	1	1

OPTIONS

HD701A
Extension 1100 mm



HDY7005
Low height pull accessory





POWER POST



COMPLETE SET



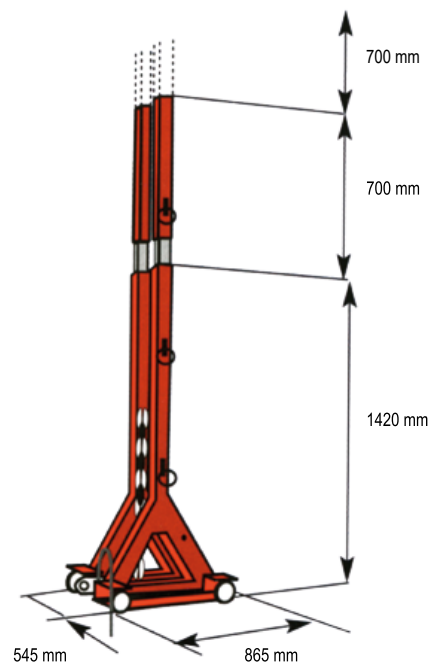
COMPOSITION

		HD85B	HD86B
1	HD850A	1	1
2	PMP8110	1	1
3	AEK99	1	1
4	AEK304	1	1
5	AEK307	2	1
6	HD851A	0	2
7	AEK328*	0	2

*Not shown



HD851A (OPTIONAL)
Extension 700 mm



OPTIONS



ANCHOR POTS

Easy and quick installation
 For drilling and installation plans please
 contact your Blackhawk
 distributor



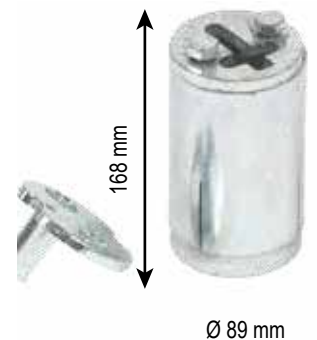
TD130 E - TD135 E

Anchor pots with chain slot for use with
 Power Post® pulling tower

TD130 E



TD135 E



TD330 E - TD335 E

Anchor pots with chain slots with larger
 diameter for use with Power Post®
 and Maxi Tower pulling towers

TD335 E



TD330 E



OPTIONAL ACCESSORIES



HD8305
20 T Chain anchor for I beam frame 200



14.5 kg

K170938+2 X K238320
Ram foot 10 T



3.1 kg

HD8301+2 X K238320
20 T Chain anchor for Korek® frame



7.8 kg

HD8306 +2 X K23830
10 T Chain anchor for I beam 200



7.8 kg

HD8303
Chain tensioner 20 T



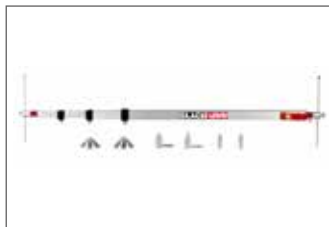
4 kg

HD8302
Intermediate tensioner 10 T



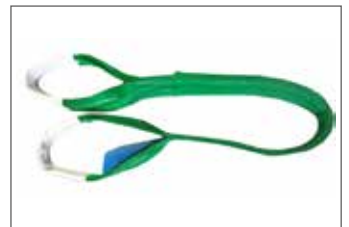
4.78 kg

AEK329 / AEK419
Measuring gauge
900/2600 mm
950/3250 mm



2 kg / 2.3 kg

AEK2001
Pull strap assy 8 T



0.450 kg

PT318A
Adapter hook 10-20 T



2.4 kg

HD332
Double hook 20 T



2.4 kg

AEK271
Multipurpose pull hook



8 kg

HDY25
23 T Hydraulic stand
530 -1166 mm



50 kg

AEK281
Wide opening clamp



16.5 kg

PT115
Super grab hook + chain - alu frame



2.4 kg

PT114A
Grab hook + chain



8 kg

CATALOGUE

**LIFTING
SYSTEMS**



STL3500

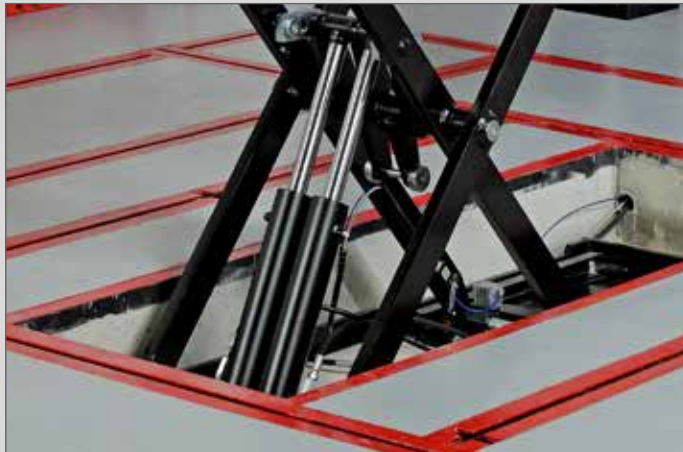
In-floor lift



STL3500



Telescopic arms



Double ram - Mechanical and hydraulic safety controls



PMPLIFT
Electric pump + remote control.
Available on request

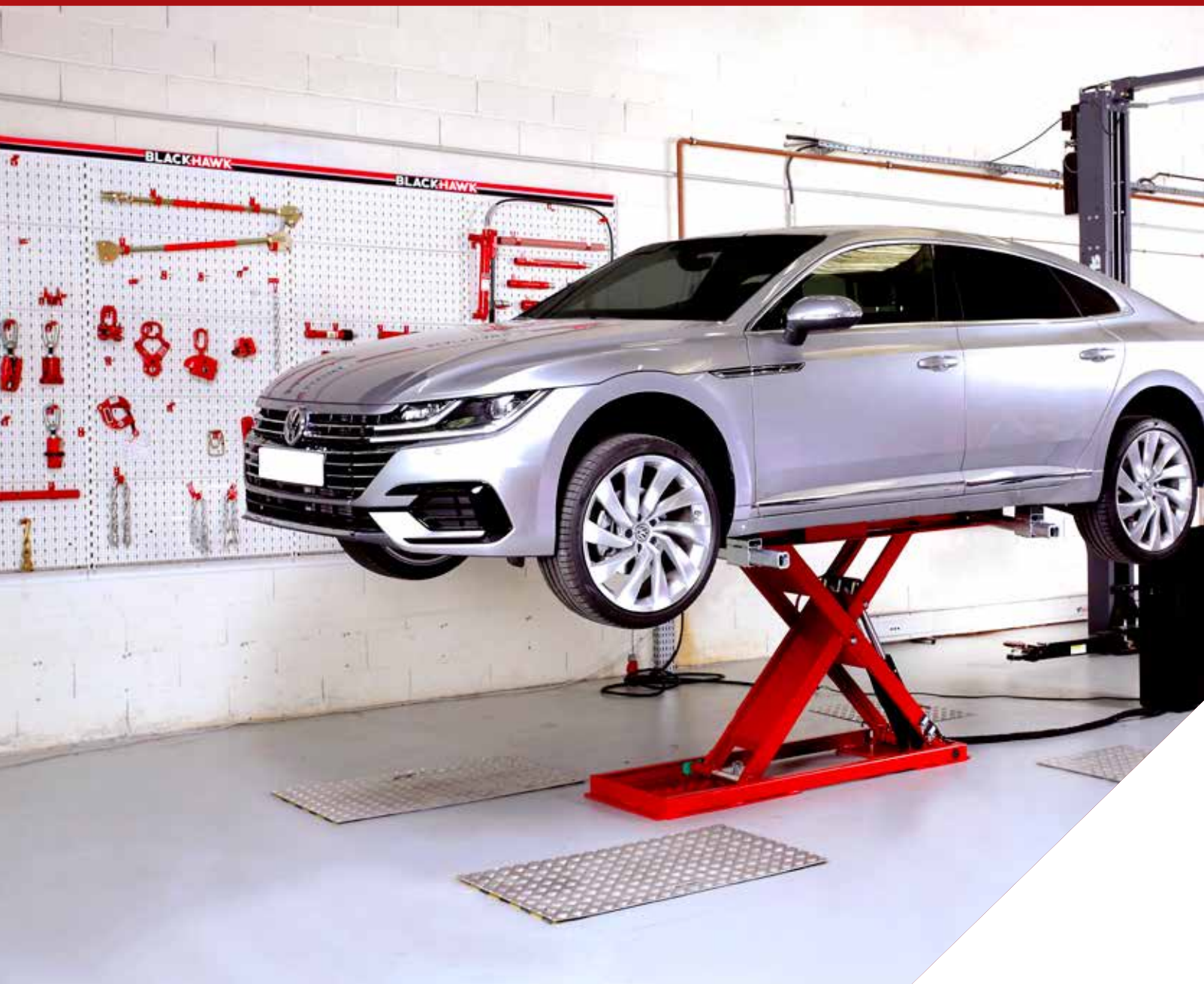
TECHNICAL SPECIFICATIONS

Capacity	3500 kg
Height capacity with pads	1430 mm



STL50

Electric-hydraulic scissor lift for car body shop



STL50

ELECTRO-HYDRAULIC SCISSOR LIFT FOR CAR BODY SHOP

- Telescopic arms
- Remote control
- Lifting by wheels



APPLICATION



MINIMUM HEIGHT OF THE LIFT: 110 MM

Electrical, hydraulic and mechanical safety controls. Suitable for in-floor or above-floor installation.

TECHNICAL SPECIFICATIONS

Capacity	3500 kg
Lifting height	1200 mm
Minimum height	110 mm



STL29

Mobile table lift



STL29

MOBILE TABLE LIFT

- The only equipment that allows the user to move a vehicle on the lift all around the workshop, thanks to the four pivoting wheels and a double cylinder system which retracts the scissors inside the table.
- The operator can move the car placed on the lift to the different working areas of the body shop.



STL29 - With set of wheels

STL2910 - Without set of wheels (photo)



TECHNICAL SPECIFICATIONS

Capacity	3000 kg
Maximum height	922 mm
Minimum height	100 mm
Width	762 mm
Leg wheelbase	1300 mm
Weight	350 kg



SUPPORT STANDS



SUPPORT STANDS



STA2020
Stands 10T



AEK833
Ajustable support stand



96486
Roller stands



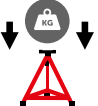
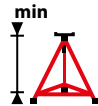
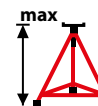
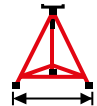

STA15
Support stands for STL3500



STA30
Vehcile stand



STA60
Vehcile stand

					
STA2020	10000 kg	550 mm	900 mm	460 mm	40 kg
AEK833	1500 kg	615 mm	700 mm	416 mm	9 kg
96486	1200 kg	1400 mm	1400 mm	700 mm	160 kg
STA15	800 kg	1106 mm	1106 mm	700 mm	100 kg
STA30	1500 kg	288 mm	425 mm	170x190 mm	7 kg
STA60	3000 kg	395 mm	605 mm	250x270 mm	13,2 kg

CATALOGUE

**PORTO POWER &
HYDRAULIC SETS**

PORTO POWER & HYDRAULIC SETS

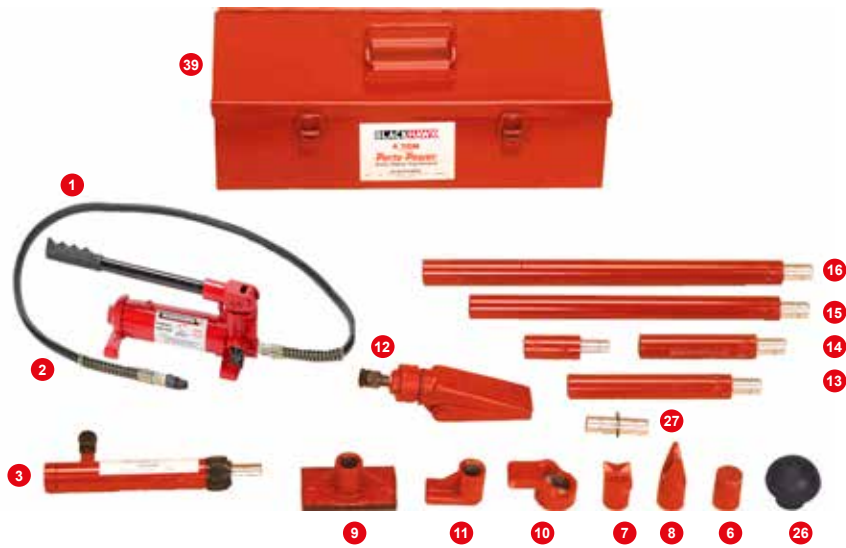


PORTOPOWER

PORTO POWER



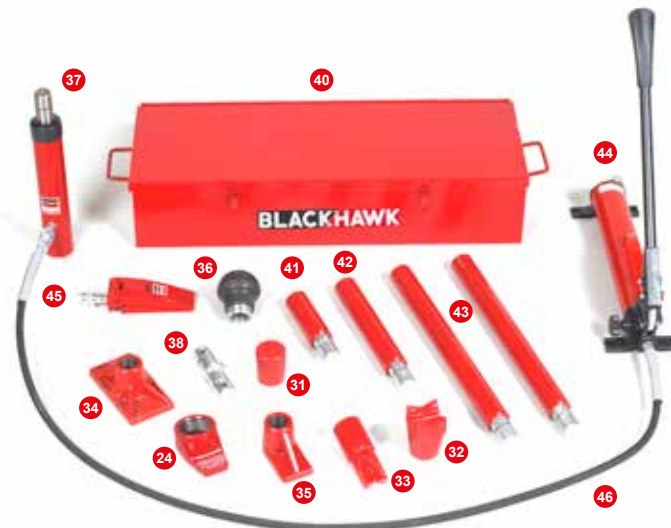
65132A
4T standard set



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	-	-

HYDRAULIC SETS



HYDRAULIC SETS

HYDRAULIC COMPOSITIONS



HDY25
Hydraulic stand



HDY22B
With cylinder ARC2506 stroke 150 mm



HDY15
Hydraulic stand



HDY23A
With cylinder ARC2514 stroke 362 mm

PUMP / PMP1530



PORTO POWER & HYDRAULIC SETS



PORTOPOWER ACCESSORIES

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



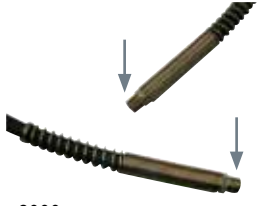
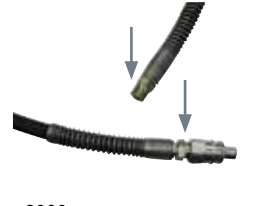
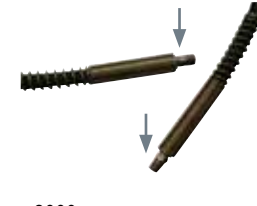
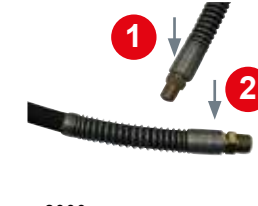
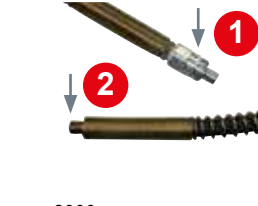
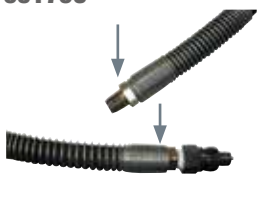
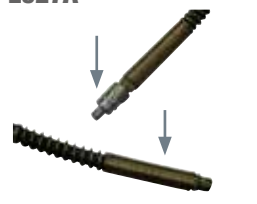
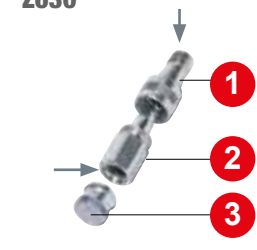
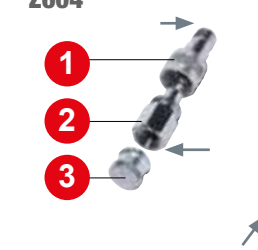
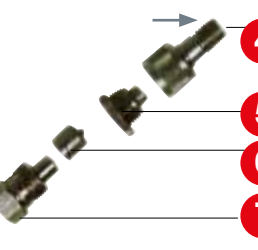

HDY27

23T pull ram set + hydro pneumatic pump

PORTO POWER ACCESSORIES



HOSES AND COUPLERS

<p>Z624A</p>  <p>2000 mm → 1/4"</p>	<p>Z913A</p>  <p>2000 mm → 3/8"</p>	<p>Z909A</p>  <p>2000 mm → 3/8"</p>	<p>Z919A</p>  <p>2000 mm → 1 1/4" → 2 3/8"</p>	<p>Z918A</p>  <p>2000 mm → 1 3/8" → 2 1/4"</p>
<p>65176C</p>  <p>1800 mm → 1/4"</p>	<p>Z927A</p>  <p>3000 mm → 3/8"</p>	<p>Z630</p>  <p>→ 1/4" 1 ZR630 2 ZH630 3 CF783020</p>	<p>Z604</p>  <p>→ 3/8" 1 ZR400 2 ZH604 3 CF520020</p>	 <p>→ 1/4" 4 H68939 6 H69291 5 H69356 7 H68940</p>
<p>ACH604</p>  <p>→ 3/8"</p>				





PUMPS

<p>65126A</p> 	<p>65133A</p> 	<p>PMP7610</p> 	<p>PMP8110</p> 	<p>PMP1530</p> 
<p>65126WA</p> 	<p>65133WA</p> 	<p>PMP7600</p> 	<p>PMP8100</p> 	<p>PMP1501</p> 






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



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

CATALOGUE

WELDING &
INDUCTION SYSTEMS

BLACKHAWK

BLACKHAWK



WEL12

Quick dent remover

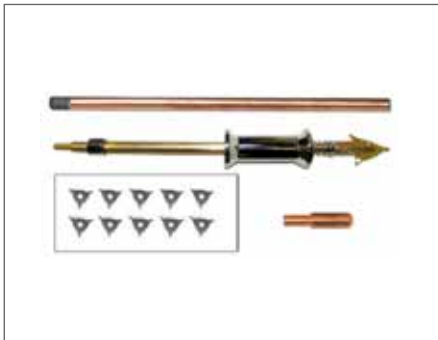


WEL12

QUICK DENT REMOVER

The puller is directly linked to the welder by a 2m cable. Dents are removed by using a star electrode coupled with the puller.

The WEL12 can also be used for shrinking operations, using the carbon electrode.



Accessories



Control panel



Easy and precise

TECHNICAL SPECIFICATIONS

Supply	230V 50 / 60 Hz
Power	1.2 kVA
Weight	25 kg



INDUCTION HEATERS



INDUCTION HEATERS

IHR04



IHR11



IHR15



The heat is generated directly in the heart of the metal, at a depth of 5 mm. The heater brings metal to red hot temperature in a few seconds. No open flame, which allows work to be carried out with no risk of damage to surrounding parts and cables. Induction enables the metal to be heated with precision in a localized spot and brings the metal up to ideal temperature. Straightening, bending and loosening of seized up pieces can all be carried out with this equipment in opposition to heating with a flame (blowlamp), which heats the metal to temperatures of 3000° C and inevitably changes its technical characteristics. The induction technique only produces heat at the point of contact and brings the metal almost instantaneously to a uniform temperature of 500 to 600°C.

TECHNICAL SPECIFICATIONS

IHR04		IHR11		IHR15	
Power supply	230 V - 50 Hz	Power supply	400 V - 50 Hz	Power supply	400 V - 50 Hz
Max. Power	4 kW	Max. Power	11 kW	Max. Power	15 kW
Water cooling	5l	Water cooling	20l	Water cooling	20l
Cable network	9 m	Cable network	9 m	Cable network	9 m
Inductor cable	3 m	Inductor cable	3 m	Inductor cable	3 m
Dimensions	420x420x740 mm	Dimensions	500x600x1100 mm	Dimensions	500x600x1100 mm
Weight	50 kg	Weight	120 kg	Weight	145 kg

BLACKHAWK

BLACKHAWK SAS

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