

# **WORKSHOP EQUIPMENT 2016**



**QUALITY FOR PROFESSIONALS** 

# RODCRAFT

# QUALITY FOR PROFESSIONALS

## One of the world's leading brands

Since 1974, the Rodcraft brand stands for high-quality products and services. Founded in Germany, Rodcraft has grown steadily to become one of the world's leading brands of pneumatic tools and workshop equipment dedicated to the vehicle service and industrial maintenance applications.

### Research and development

Our organisation is constantly investing in research and development, and the Rodcraft product range features many patented designs such as our composite sander and latest impact wrench series.

## Market coverage

With a strong European based sales channel, local sales offices, dedicated distributors and national importers are covering over 80 countries worldwide on a daily basis. We are close to our clients and able to provide fast service and support.

# **Testing and quality inspections**

To ensure and guarantee long life performance, many strict testing and quality inspections are conducted through the tool and equipment design, production and assembly stages. All products are thoroughly tested at the Technocenter to pass EC certification according to ISO standards and many of the customer centres marketing the Rodcraft product lines are ISO 9001 and ISO 14001 certified.





# Discover the complete Rodcraft range on

www.rodcraft.com

- online air tools catalogue
- online workshop equipment catalogue
- Rodcraft accessories
- technical documentation
- service centre contacts
- Rodcraft sales and distributor contacts

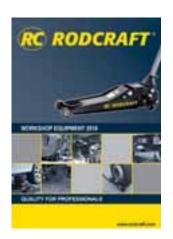




Check out today our mobile eCatalog on m.rodcraft.com

A broad range of pneumatic tools and workshop equipment dedicated to the vehicle service and industrial maintenance applications.





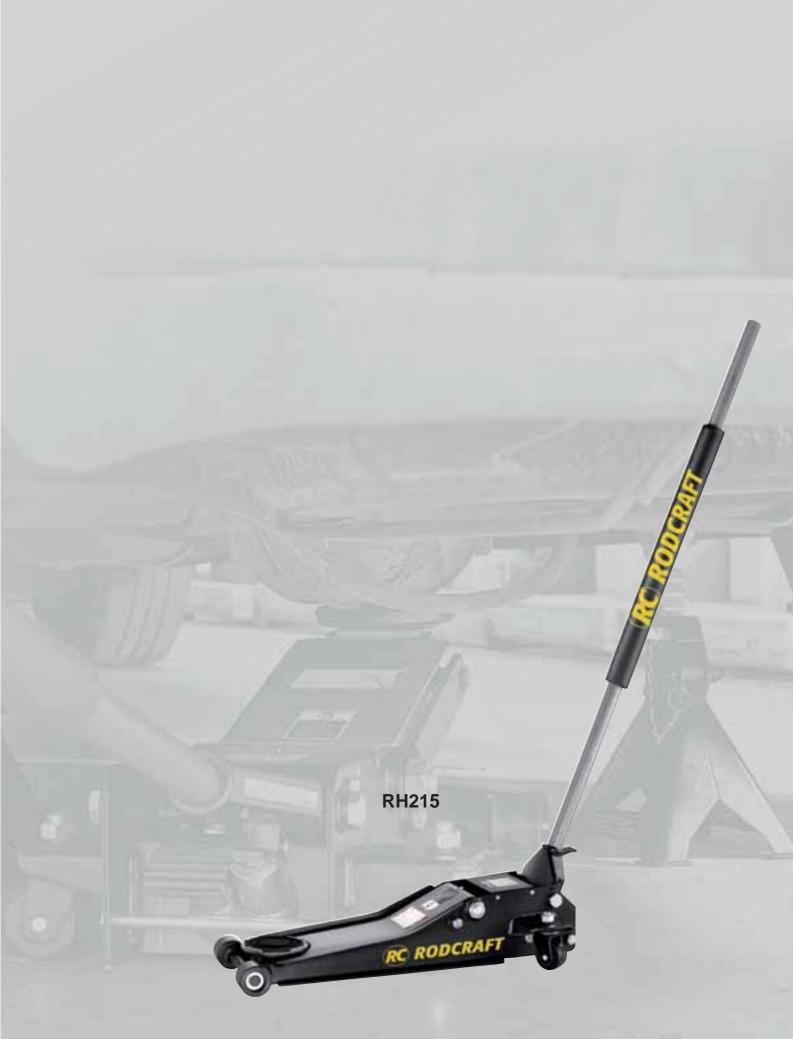
# GLOSSARY



Capacity



<b>)1</b>	Trolley jacks	7
	Aluminium hydraulic trolley jacks for cars	
	Hydraulic trolley jacks	
	Air-hydraulic jacks for trucks & vans   Balloon jacks	
	Telescopic air-hydraulic jacks for trucks & vans	
	Bottle jacks	
	Jack stands	
12	Motor	19
	Workshop cranes	
	Motor stands	
	Motor repair bridge	
	Accessories	
12	All around oil	23
	All around oil	23
	Oil collection units	
	Drain pans	
	Accessories	
04	Gear	27
	Transmission jacks	
. = 1		
	Car body	31
	Hydraulic ram sets	
	Pneumatic hydraulic pump   Hydraulic cylinders	
	Mobile hydraulic straightener	
	Pull clamps	
	Accessories	
<b>)</b> 6	Workshop presses	37
	Workshop presses	
	Accessories	
17	Wheel Dolly	43
	Wheel Dolly	70
	,	
<b>)</b> 8	Various	47
	Torque Wrench	
	Hydraulic wheel lift Creeper	
	Brake fluid tester	
	Seats	
	Start-booster	
	Work light	



# 01| Trolley Jacks

| Aluminium hydraulic trolley jacks for cars

| Hydraulic trolley jacks

| Balloon jacks

| Air-hydraulic jacks for trucks & vans

Bottle jacks

| Jack stands

01

02

03

04

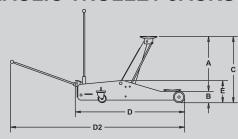
05

06

07

www.rodcraft.com

#### **HYDRAULIC TROLLEY JACKS**



Model Part# **RH135** 8951082025

Model	RH135	
Capacity	1.5 ton(s)	
Weight	10.5 kg	
Dimensions:		
Α	295 mm	
В	80 mm	
С	375 mm	
D	505 mm	
$D^2$	1440 mm	
Е	130 mm	
F	235 mm	
G	235 mm	
Stroke:	Hert C	



- Very light aluminium jack
- Ideal for break-down service
- Short 2 piece handle bar
- Equipped with carrying handle
- Fast stroke: with 11 pump strokes up to the max. without load
- Saddle plate protection with rubber cover
- Lever with protective sponge to prevent scratches on car bodies

Part# Model 8951000003 RH201

Model	RH201
Capacity	2 t
Weight	20.5 kg
Dimensions:	
Α	375 mm
В	85 mm
С	460 mm
D	695 mm
$D^2$	1820 mm
Е	155 mm
F	285 mm
G	320 mm
Stroke:	



- Very light aluminium jack
- Ideal for break-down service
- Short 2 piece handle bar For easy transport the jack is equipped with 3 carrying handles
- Fast stroke with double pump
- Saddle plate protection with rubber cover
- Lever with protective sponge to prevent scratches on car bodies

Model Part# RH290 8951082031

**RODCRAFT** Premium

Model	RH290	
Capacity	3 t	
Weight	41.5 kg	
Dimensions:		
Α	365 mm	
В	145 mm	
С	490 mm	
D	650 mm	
$D^2$	1650 mm	
Е	160 mm	
F	275 mm	
G	350 mm	



- Small & compact trolley jack
- Pump lever can be disassembled (2 pieces)
- For easy storage and transport
- With foot pedal for fast approach













#### **HYDRAULIC TROLLEY JACKS**





Model Part# 8951000051

Model	RH151		
Capacity	1 1/2 ton(s)		
Weight	50.5 kg		
Dimensions:			
Α	620 mm		
В	80 mm		
С	540 mm		
D	920 mm	2	
D <sup>2</sup>	2140 mm	3	
E	153 mm	8	
F	282 mm		
G	382 mm		
Stroke: 80-540 mm 11/2 t 50.5 kg			
515 mm			

- Hydraulic trolley jack with sturdy steel construction
- Precise hand valve for lowering
- Smooth oil and acid resistant plastic wheels with foot pedal for fast approach
- Pump lever with protector sponge to prevent scratches
- Low profile jack with extra long body to get very deep under a vehicle up to 515 mm at a height of only 80 mm
- Compact when disassembled with 2 piece pump lever for easy transport and storage

Model Part# 8951082024

Model	RH251	
Capacity	2 t	
Weight	58 kg	
Dimensions:		
Α	665 mm	
В	135 mm	
С	800 mm	
D	1340 mm	
$D^2$	2100 mm	
E	190 mm	
F	295 mm	
G	430 mm	
Stroke: 135-800 mm 2t 58 kg		
e Sil	ne solicator	

- Hydraulic trolley jack with sturdy steel construction
- Precise hand valve for lowering
- Smooth oil and acid resistant plastic wheels
- With foot pedal for fast approach
- High lifter up to 800 mm max.

Model Part# 8951082026



- Hydraulic trolley jack with sturdy steel construction
- Precise hand valve for lowering
- Smooth oil and acid resistant plastic wheels
- With foot pedal for fast approach
- Pump lever with protector sponge to prevent paint scratches
- Low profile and large final height (75-505 mm)
- Fast lifting stroke due to two pump pistons
- Long pedal for fast approach
- Compact when disassembled with 2 piece pump lever for easy transport and storage









**01** 

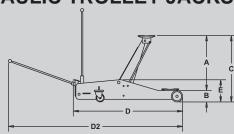
03

05

07

www.rodcraft.com

#### **HYDRAULIC TROLLEY JACKS**



Model Part# RH501 8951082050

Model	RH501
Capacity	5 t
Weight	95 kg
Dimensions:	
A	530 mm
В	150 mm
С	680 mm
D	1420 mm
$D^2$	2560 mm
E	205 mm
F	290 mm
G	360 mm
Stroke: 150-680 mr	n 5 t 95 kg

Model Part# 8951000063

Model	RH315	
Capacity	3 t	
Weight	45 kg	
Dimensions:		
Α	455 mm	
В	95 mm	
С	550 mm	
D	779 mm	
$D^2$	1979 mm	
E	160 mm	
F	160 mm	
G	364 mm	



- Hydraulic trolley jack with sturdy steel construction
- Precise hand valve for lowering
- Smooth oil and acid resistant plastic wheels
- Long pedal for fast approach
- Pump lever with protector sponge to prevent paint scratches
- Fast lifting stroke due to two pump pistons
- Compact when disassembled with 2 pieces
- Pump lever for easy transport and storage
- Hydraulic trolley jacks with sturdy steel construction for daily workshop use.
- With precise hand valve for lowering
- Equipped with smooth oil and acid resistant plastic wheels
- Long pedal for fast approach and quick lifting of smaller loads

Model

**RH301** 

Capacity

Weight
Dimensions:

В

С

D

 $D^2$ 

Е

Part#

8951082032

RH301 3 t

70 kg

490 mm

115 mm

605 mm

1320 mm

2440 mm

190 mm 245 mm 315 mm

- Pump lever with protector sponge to prevent paint scratches
- Pump lever with T-end for two-handed operation with valve on the lever top
- High lifter up to 800 mm max.

- Hydraulic trolley jack for truck
- With foot pedal for fast approach
- Hydraulic system with pump lever allows autonomous operation without compressed air
- Easy to position due to foot rest on back (turning on the spot)
- Lever can be locked in 3 angles for storage and positioning deeply under a low vehicle
- Grease nipples on all important joints









Model Part# **RH310** 8951082100

Model	RH310		
Capacity	10 t		
Weight	123 kg		
Dimensions	:		
Α	430 mm		
В	175 mm		
С	605 mm		
D	1600 mm		
$D^2$	2550 mm		
Е	270 mm	7	
F	380 mm	- 1	
G	410 mm		
Stroke: 175-605 mm 10 t 123 kg			
CO KENNEY III			

- Hydraulic trolley jack for trucks
- With foot pedal for fast approach
- Hydraulic system with pump lever allows autonomous operation without compressed air
- With LCS lowering control system for slow descent even when heavily charged
- "Dead man control" auto-stop valve



#### Model C225

Rubber cover Ø 137 mm (C 225) for RH290 Part#: 8951011092

RH215 RH315

#### **BALLOON JACKS**

www.rodcraft.com



Model	Part#
BC2-2S	8951000177

Model	BC2-2S
Capacity	2 t
Weight	15 kg
Dimensions:	
A - A max	115 - 350 mm
В	265 mm
С	185 mm
D	82 mm
E	98 mm
F	80 mm
G	- mm

#### Stroke: 235 mm



- From 115 to 430 mm within extension
- Highly resistant diaphragm
- and internal telescopic guide
   Overload safety valve
- On/Off ergonomic lever
- 115 mm in uninflated position
- Extension included: 60 mm height



Model	BC2-2L
Capacity	2 t
Weight	18 kg
Dimensions:	
A - A max	115 - 350 mm
В	265 mm
С	185 mm
D	82 mm
Е	98 mm
F	80 mm
G	1000 mm

#### Stroke: 235 mm



- From 115 to 430 mm within extension
- Highly resistant diaphragm and internal telescopic guide
- Overload safety valve
- On/Off ergonomic lever
- Adjustable handle and composite wheels
- 115 mm in uninflated position
- Extension included: 80 mm height

Model Part# BC2-3L 8951000179

Model	BC2-3L
Capacity	2 t
Weight	19 kg
Dimensions:	
A - A max	200 - 500 mm
В	250 mm
С	185 mm
D	82 mm
E	98 mm
F	60 mm
G	1000 mm

#### Stroke: 300 mm



- From 200 to 560 mm within extension
- Highly resistant diaphragm and internal telescopic guide
- Overload safety valve
- On/Off ergonomic lever
- Adjustable handle and composite
- 200 mm in uninflated position
- Extension included: 80 mm height



#### Accessories for BC2 serie

Model BC2-2S/2L

80 mm extension Part#: 8950312038

Model BC2-3L

60 mm extension Part#: 8950312081



# AIR-HYDRAULIC JACKS FOR VANS AND TRUCKS

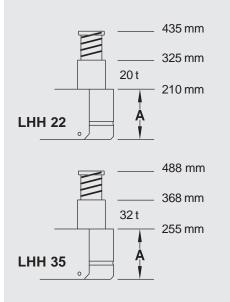




Model Part# LHH22 8951084201 LHH35 8951084350

Model	LHH22	LHH35	
Capacity	20 t	32 t	
Weight	49 kg	54.4 kg	Tr
Dimensions:			
A	210 mm	255 mm	
В	205 mm	250 mm	
С	320 mm	330 mm	
D	330 mm	510 mm	Al
D+E	430 mm	610 mm	///
F	325 mm	368 mm	10
G	1200 mm	1200 mm	
Р	50 mm	50 mm	1777
011			//N
Stroke: LHH22: 2 LHH35: 2			

- Short and compact, very easy to manoeuvre
- Overload control and safety valve against undesired descent
- Piston is retracted by 4 springs
- Piston includes integrated threaded extension
- Front handle for easier carrying
- Including adapters: broad saddle with diameter 68 mm, height 20 mm. Diameter 48 mm, heights 20/60/100 mm - Air supply pressure needs to be 7 - 10 bar
- Air consumption 300 l/min.
- According to EN 292



01

02 03

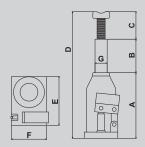
04

05

06

07

#### **BOTTLE JACKS**



# Bottle jacks 2t - 50t capacity certified according to DIN 76024



- Hydraulic system with mounted manual pump is powerful, compact, versatile  $\,$
- Maximum capacity and durability, because of double guidance
- 100% seal due to robust welded construction
- High stability, due to large base plate
- Vertical and horizontal applications, as long as the pump points upwards
- Fast and easy adaptable height, per threaded extension within piston
- With safety valve against overloading
- Steel piston made of one piece for extra durability
- Handle on pump consists of two parts to assemble/disassemble

Model	MGN2	MGN3	MGN5	MGN8	MGN12	MGN12F	MGN12L	MGN20	MGN20F	MGN30	MGN50L
Part#	8951000009	8951000010	8951000011	8951000012	8951000013	8951000127	8951000128	8951000014	8951000129	8951000015	8951000130
Capacity	2 t	3 t	5 t	8 t	12 t	12 t	12 t	20 t	20 t	30 t	50 t
Weight	2.4 kg	2.9 kg	3.8 kg	5.8 kg	6.7 kg	9.5 kg	5.9 kg	9.1 kg	13 kg	18.3 kg	35.3
Dimensions:											
A (min.)	180 mm	190 mm	200 mm	200 mm	180 mm	240 mm	155 mm	185 mm	275 mm	285 mm	300 mm
A+B (max.)	305 mm	325 mm	340 mm	320 mm	275 mm	390 mm	225 mm	280 mm	445 mm	455 mm	480 mm
C (+extension)	55 mm	65 mm	60 mm	80 mm	75 mm	90 mm	45 mm	35 mm	70 mm	-	
D	360 mm	390 mm	400 mm	400 mm	350 mm	480 mm	270 mm	315 mm	515 mm	455 mm	480 mm
Е	110 mm	115 mm	130 mm	150 mm	165 mm	144 mm	144 mm	180 mm	140 mm	190 mm	150 mm
F	20 mm	70 mm	75 mm	90 mm	105 mm	43 mm	53 mm	120 mm	53 mm	140 mm	66 mm
G	20 mm	23 mm	29 mm	35 mm	43 mm	43 mm	43 mm	53 mm	53 mm	62 mm	63 mm

Model Part# MGN12F 8951000127 MGN12L 8951000128

MGN12F MGN12L Capacity 12 t 12 t Weight 9.5 kg 5.9 kg Dimensions: 240 mm 155 mm A (min.) A+B (max.) 390 mm 225 mm C (extension) 90 mm 45 mm D 480 mm 270 mm Е 144 mm 144 mm 43 mm 53 mm



Model Part# MGN20F 8951000129

MGN20F

Capacity Weight	20 t 13 kg	
Dimensions:		
A (min.)	275 mm	
A+B (max.)	445 mm	
C (extension)	70 mm	
D	515 mm	-
E	140 mm	<b>1</b>
F	53 mm	
G	53 mm	
20 t 13 kg		
20 t 13 kg		CAONCAAT

Model Part# MGN50L 8951000130

Model	MGN50L
Capacity	50 t
Weight	35.3 kg
Dimensions:	
A (min.)	300 mm
A+B (max.)	480 mm
D	480 mm
Е	150 mm
F	66 mm
G	63 mm

#### Height 480 mm









01

02 03

04

05

06

07

# Jack stands 1.5t - 16t Capacity





- Welded, sturdy steel tube construction, strutted and easy to carry
- Good standing stability since each foot is equipped with a broad plate
- Massive steel stem with models with threaded spindle, ergonomic steel tube stem for easier carrying on other jack stands with large bolt on chain and safety clamp.
- USBN5.0 finely adjustable with rubber protector on top, especially suited for vans and buses
- All models TUV & CE certified, except USB16H

#### Delivered in pairs



Model	USB1.5	USB1.5H	USB3	USB5	USBN5	USB8	USB8H	USB12G	USB12HG	USB16H
Part#	8951000096	8951000097	8951000098	8951000099	8951000100	8951000101	8951000102	8951000103	8951000104	8951000106
Capacity	1 1/2 t	1 1/2 t	3 t	5 t	5 t	8 t	8 t	12 t	12 t	16 t
Weight	2.2 kg	3.6 kg	3.8 kg	5 kg	4.3 kg	7.9 kg	11.4 kg	10.6 kg	14.4 kg	19.5 kg
min. height	260 mm	430 mm	320 mm	370 mm	245 mm	385 mm	580 mm	345 mm	475 mm	430 mm
max. height	405 mm	700 mm	530 mm	580 mm	350 mm	600 mm	950 mm	515 mm	730 mm	725 mm
Stroke	145 mm	270 mm	210 mm	210 mm	105 mm	215 mm	370 mm	170 mm	255 mm	295 mm
Positions in height	5 steps	5 steps	5 steps	5 steps	Direct	5 steps	6 steps	Direct	Direct	5 steps

Jack stands 2t - 6t Capacity

Ductile iron support column

Safety locking pin



Self locking handle with composite tip

Rugged & welded steel frame construction

- High stability due to feet with extra large plate
- Self locking handle & locking pin increases safety
- Durable & resistant ductile iron support column & rugged steel frame construction
- Easy to operate : ratchet action for height adjustment.

#### Delivered in pairs

Model	UBZ-2	UBZ-3	UBZ-6
Part#	8951000027	8951000028	8951000029
Capacity	2 t	3 t	6 t
Weight	2.5 kg	3 kg	5 kg
min. height	280 mm	300 mm	400 mm
max. height	425 mm	455 mm	620 mm
Stroke	145 mm	155 mm	220 mm
Positions	10 steps	11 steps	12 steps



Feet with extra large plate to resist sinking into the ground

01

02

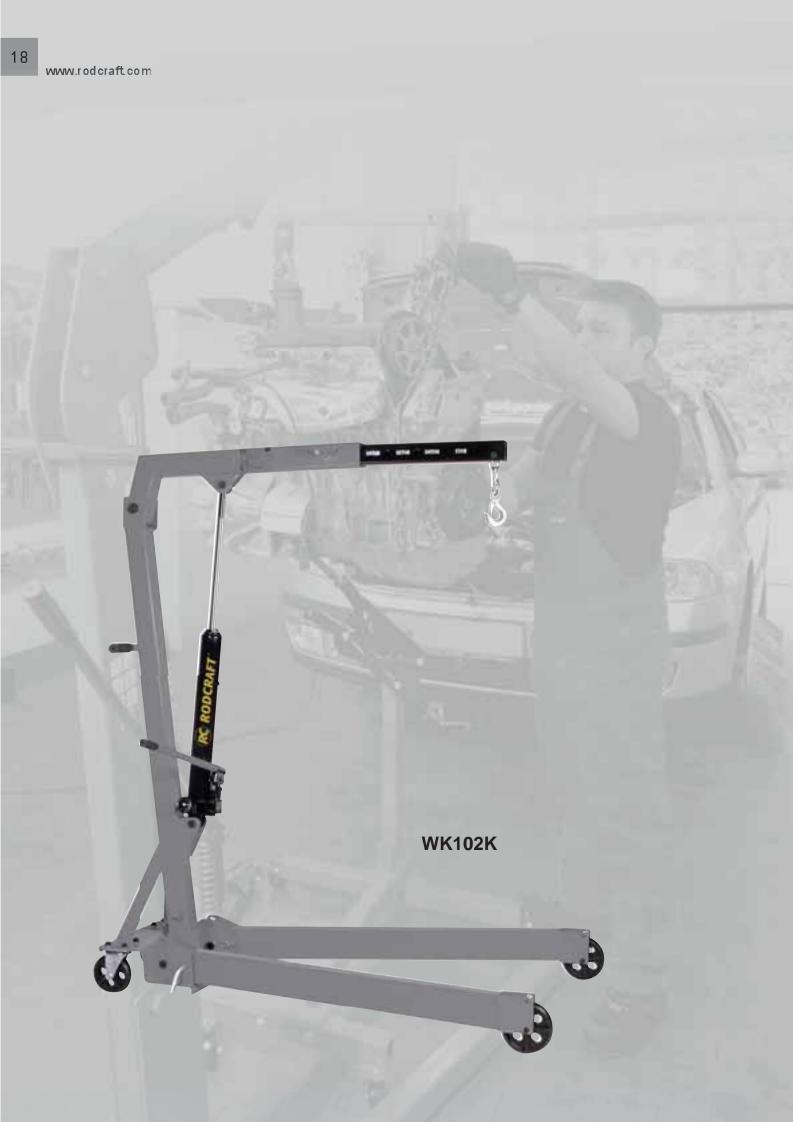
03

04

05

06

07



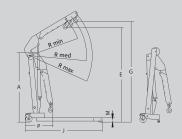
# 02| Motor

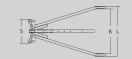
| Workshop cranes

| Motor stands

| Motor repair bridge

#### **FOLDABLE CRANES**







# Model Part# WK102K 8951080101

Model	WK102K
Capacity P1	1.000 kg
Capacity P2	750 kg
Capacity P3	500 kg
Capacity P4	250 kg
Weight	77,5 kg
Dimensions:	
A	1.560 mm
E	1.920 mm
G	2.120 mm
J	1.480 mm
K	825 mm
L	935 mm
M	160 mm
P	430 mm
S	440 mm
R min.	960 mm
R med.	1.060 mm
R max.	1.160/1.230 mm

#### Foldable





- Compact because of foldable front wheel legs
- Adjustable lifting arm in 4 positions
- Double effect hydraulic pump can be operated from standing at the side of the crane
- "dead man" auto-stop valve
- Additional small wheels for moving easily when folded up
- Oil and acid resistant wheels, the rear wheels swivel, the front wheels are fixed

#### Model Part# WK201KM 8951080200

Model	WK201KM
Capacity P1	2.000 kg
Capacity P2	1.750 kg
Capacity P3	1.650 kg
Capacity P4	-
Weight	173 kg
Dimensions:	
Α	1.720 mm
E	2.340 mm
G	2.500 mm
J	1.900 mm
K	1.035 mm
L	1.160 mm
M	200 mm
Р	635 mm
S	570 mm
R min.	1.275 mm
R med.	1.420 mm
R max.	1.570 mm

#### Foldable



- Auto-stop safety valve
- Compact because of foldable front wheel legs
- 2 fixed wheels at front, 2 swivel oil and acid resistant wheels at rear end
- Arm with 3 extension positions
- Swivel pump and swivel pump lever for operating the pump from the work place
- Lifting of the arm by pumping up and down
- Lowering of the arm by pushing the lever up and backwards while free hand controls load

Model Part# MMB500 8951089048

Model	MMB500
Capacity	500 kg
Weight	27 kg
Dimensions:	
Length	1200 mm
Width	835 mm
Height	850 mm

#### 500 kg Capacity

- Universal aid improves ergonomics when working on motors due to its comfortable working height and the swivelling fixation plate (360°, can be locked every 60°)
- Centre height of the suspension plate: 910 mm
- The motor suspension arms can be adjusted from a minimum radius of 310 mm up to a maximum radius of 435 mm
- At the end of each suspension arm bolts can be fixed through the pipe shaped end of the arm into the motor (bolt length approx. 60 mm, max. thread M14) - bolts are not included in the delivery



Model	Part#
MP500	8951089050

Model	MP500
Capacity	500 kg
Dimensions:	
Width	655 mm
Length chain	1030 mm

#### 500 kg Capacity

- For assembly and disassembly of e.g. motors, using a workshop crane
- Chain flange can be attached to the motor
- Chains are hooked on one side into the flanges and on the other into the MP 500 at appropriate length
- By turning the crank the hook-up ring is shifted sideways which tilts the load in order to obtain correct positioning for assembly / disassembly

Model Part# 8951000176

Model	MGM2
Capacity	400 kg
Weight	14,8 kg
Dimensions:	
Stroke of spindles	265 mm
Spindle thread	M14
Distance between feet	min. 1100 / max. 1600 mm

#### 500 kg Capacity

- Instantaneous set up on the vehicle even when positioned asymmetrically on the car
- Quick and easy positioning of the motor for trouble-free fitting or removal of the transmission
- Well balanced load because of 2 spindles
- Capacity 400 kg
- Delivered with 1 chain with 2 hooks





01

02

03

04

05

06

07





NOTE:

Oil should be warm for removal

Due to fast changing car series please always check feasibility of oil removal through dipstick tube with/without adapters prior to operation.

# 03| All around oil

| Oil suction units Oil collection units | Drain pans | Accessories

01

02

03

04

05

06

07

Model Part# 8951081000

Model	AK03	
max. capacity	24	
Dim. max. mm:	375x375x900	
Press. for emptying	5-6 bar	
Weight empty	14 kg	
Air inlet (Euro)	1/4 "	
max. Vacuum	0,6-0,7 bar	
flow rate with nozzle ø 5 mm	0,9 l/min.	
flow rate with nozzle ø 6 mm	1,3 l/min.	
flow rate with nozzle ø 8 mm	3,4 l/min.	
flow rate with rigid nozzle ø 8 mm	4,8 l/min.	
Tonk oon : 24 l		



#### Tank cap.: 24 L



- Lightweight composite housing (only 14 kg)
- Mobile oil suction tool with 2 wheels
- Works independently without permanent connection to air supply
- Easy emptying of the tank using compressed air (max. 1.4 bar).
- Easy oil removal through dipstick opening with nozzles or with adapter socket
- Incl. flexible nozzles 5, 6 and 8 mm and straight rigid nozzles 6 and 8 mm (800 mm length)
- Direct oil removal with 3 suction adapters (included in delivery) :
- Ø 16.0 mm adapter Mercedes
- Ø 5.4 mm adapter VW Golf
- Ø 12.3 mm adapter BMW

#### Accessories for AK03



Model Part#
AK3-SFL5 8951011048
Tube, flexible 5 mm

Model Part#
AK3-SFL6 8951011049
Tube, flexible 6 mm

Model Part#
AK3-SFL8 8951011050
Tube, flexible 8 mm



**Model** Part# **AK-5/0,9F** *8951011032*Tube, flexible 5 mm



Model Part#
AK-3ADB 8951011044
Adapter for Mercedes
Ø 16,0 mm

Model Part#
AK-5A1 8951011028
Adapter for Mercedes /
Volkswagen ø 16,0 mm

Model Part#
AK-3ABMW 8951011045
Adapter for BMW
ø 12,3 mm

Model Part#
AK-3AVW 8951011043
Adapter for
Volkswagen Golf
Ø 5,4 mm

Model Part# TK05 8951081013

T   00		
Weight empty	23 kg	
Press. for emptying	0,5 bar	
Dimens. Pan	ø 460 mm	
Dimens. min. mm:	470x595x1070	
Dimens. max. mm:	470x595x1620	
Pan capacity	25	
max. capacity	70/80 I	
Model	TK05	

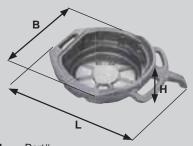
#### Tank cap.: 80 l



- Oil collection unit for cars as well as small trucks
- Tank can easily be emptied using compressed air
- Drain pan adjustable in height
- 2 wheels on axle and 2 swivel wheels with large diameter
- Large drain mesh in the pan, easy to reach
- Drain pan is equipped with its own valve, so the tank can be emptied during an oil service



#### **DRAIN PANS**



Model	Part#
P2	8951000057

Model	P2
Capacity	81
Weight	0,7 kg
Dimensions:	
L	515 mm
В	390 mm
Н	145 mm

#### Capacity: max. 8 L





- 3 handles for carrying
- Anti-splash rim
- Made of oil and petrol resistant polyethylene (HDPE)





P46	8951000058
Model	P46
Capacity	16
Weight	0,95 kg
Dimensions:	
L	570 mm
В	450 mm
Н	175 mm

Part#

#### Capacity: max. 16 L



Model



- 3 handles for carrying
- Anti-splash rim
- Made of oil and petrol resistant polyethylene (HDPE)
- Compatible with GHN model's



#### Model Part# 8951081032

Model	P4
Capacity	17
Weight	2 kg
Dimensions:	
L	675 mm
В	380 mm
Н	150 mm

#### Capacity: max. 17 L





- 3 handles for carrying
- Closed version
- Made of oil and petrol resistant polyethylene (HDPE)

Model	Part#
P50	8951000090

Model	P50
Capacity	43 I
Weight	4.1
Dimensions:	
L	912 mm
В	495 mm
Н	179 mm

#### Capacity max: 43 L



- 3 handles for carrying
- Closed model
- Made of oil and petrol resistant polyethylene
- 2 wheels for easy transportation

01

02

03 04

05

06

07



# 04| Gear

| Transmission jacks

#### TRANSMISSION JACKS



## Model Part# GHN300 8951000131

Model	GHN300	
Capacity	300 kg	
min. height	1180 mm	
max. height	2010 mm	10004-000
Weight	30.6 kg	( )
A/B	560 / 590 mm	1-11/1-4
С	75 mm	1.31/-7
D	1180 mm	\ \W. /
Е	2010 mm	W.
F	830 mm	
G	460 mm	
Н	20 mm	-wait
Oil volume	760 ml	-
Capacity	300 kg	H
300 kg 30.6 kg	g	
		0

Model Part# 8951000132

Model	GHN600	
Capacity	600 kg	
min. height	1180 mm	
max. height	2000 mm	0.04
Weight	38 kg	
A/B	560 / 590 mm	101100
С	75 mm	1.11
D	1180 mm	AWE
E	2000 mm	
F	820 mm	
G	460 mm	
Н	20 mm	
Oil volume	910 ml	-
Capacity	600 kg	i i
600 kg 38 kg		

Model Part# GHN1000 8951000133

Model	GHN1000
Capacity	1000 kg
min. height	1180 mm
max. height	2010 mm
Weight	50 kg
A/B	560 / 590 mm
С	75 mm
D	1180 mm
E	2010 mm
F	830 mm
G	455.5 mm
Н	20 mm
Oil volume	1320 ml

Capacity 1000 kg







- Chromed cylinder in an oil bath
- Easy to position with round horizontal handle
- Large food pedal for lifting without locking position
- Small foot pedal for lowering
- Automatic descent stop-pedal
- Safety valve against overloading
- Reversible crown to place drain pans
- Incl. 1,2 m length chain to fix load
- Chromed cylinder in an oil bath
- Easy to position with round horizontal handle
- Large food pedal for lifting without locking position
- Small foot pedal for lowering
- Automatic descent stop-pedal
- Safety valve against overloading
- Reversible crown to place drain pans
- Incl. 1,2 m length chain to fix load
- Chromed cylinder in an oil bath
- Easy to position with round horizontal handle
- Large food pedal for lifting without locking position
- Small foot pedal for lowering
- Automatic descent stop-pedal
- Safety valve against overloading
- Reversible crown to place drain pans
- Incl. 1,2 m length chain to fix load



01

02

03

04

# **Transmission Jacks** 300-1000 Kg capacity





# 05| Car Body

Hydraulic ram sets

Pneumatic hydraulic pump

Hydraulic cylinders

Mobile hydraulic straightener

Pull clamps

Accessories

01

02

03

04

05

06

07

Model Part# HRS04 8951000124

Model	HRS04
Stroke cylinder	120 mm
ø Cylinder	40 mm
ø Cylinder	44 mm
ø Piston	25 mm
min. Length	268 mm
max. Length	388 mm
Oil volume Pump	0,4 l
Oil volume Cylinder	0,4 I
max. Pressure	700 bar

#### 4 ton capacity

- Hydraulic ram sets
- Application: pushing widening clamping HRS04 with 4t
- Easy assembly because of unthreaded connections
- 17 piece set in a plastic case for easy storage
- Each piece with its own moulded compartment to keep the set complete NO LOOSE STYROFOAM MOULDS
- Includes full set of accessories

Model Part# HRS10 8951000125

Model	HRS10
Stroke cylinder	130 mm
ø Cylinder	56,5 mm
ø Cylinder	63 mm
ø Piston	40 mm
min. Length	320 mm
max. Length	450 mm
Oil volume Pump	0,5 I
Oil volume Cylinder	0,5 I
max. Pressure	700 bar

#### 10 ton capacity

- Hydraulic ram sets
- Application: pushing widening clamping HRS10 with 10t
- Easy assembly because of unthreaded connections
- 17 piece set in a plastic case for easy storage
- Each piece with its own moulded compartment to keep the set complete NO LOOSE STYROFOAM MOULDS
- Includes full set of accessories

#### Accessories for HRS04/HRS10



**Pump** for

Part#

HRS04 8950321713 HRS10 8950321748



Hose 1.500 mm Part#

for HRS04 8951011979 HRS10



Push ram 10 t

Part# for HRS04 8950321714 HRS10 8950321749



Model

Spreader 0,5 t

for Part# HRS04

8950321715 HRS10



Part# 8950390020 8950390035

400 mm 350 mm

250 mm

100 mm



Tool box

Part#

HRS04 8950390006 HRS10 8950390022

Part#

Model Connector kit HRS04 8950390021 Connector kit HRS10 8950390036



Protection piece for piston



Plate



Prisma piece



Wedge piece, sharp



Push for piston



Push for cylinder



Rubber









Model Part# HRS20 8951000126

Model	HRS20
Stroke cylinder	130 mm
ø Cylinder	90 mm
ø Piston	60 mm
min. Length	280 mm
max. Length	410 mm
Oil volume Pump	0,9 I
Oil volume Cylinder	0,91
max. Pressure	700 bar

#### 20 ton capacity

- Hydraulic ram set 20t , 20 pcs.
- Application: pushing clamping
- All accessories in steel with threaded connections
- 2-step hand pump for 700 bar working pressure
- Stored in 2 durable metal boxes
- Including full set of accessories
- 130 mm stroke of hydraulic cylinder
- Hose length 1500 mm (pump/cylinder)



#### **Accessories for HRS20**

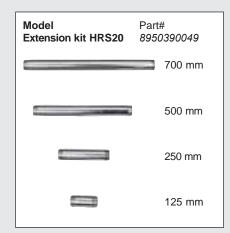


Model Part# Connector kit HRS20 8950390050 Lock pin Connector male thread Connector female thread Plunger base Extension



Toe lift

Hose Part# 8951011979



#### Accessories for HRS04/HRS10/HRS20



Pneumatic-hydraulic Pump. Adaptable with cylinders of HRS04 / HRS10 / HRS20

Description see page 34

01

02 03

04

05

06

07

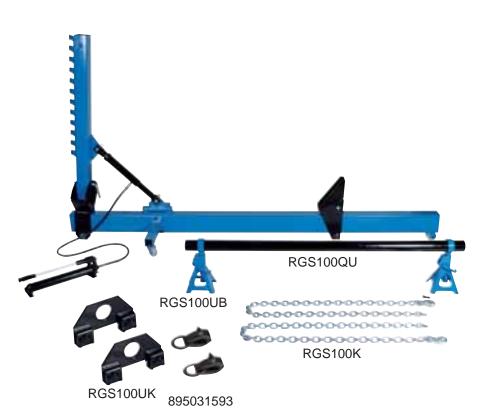
#### PNEUMATIC-HYDRAULIC PUMP **HYDRAULIC CYLINDER / PULL CLAMPS**





Model	RGS100	
Dimensions:		
Α	2.900 mm	
В	1.600 mm	
С	600-700 mm	
D	0-1.900 mm	
E	720 mm	
Gradient	2 x 45°	
Weight	230 kg	
10 ton capacity		





- Easy to move with oil and acid resistant plastic wheels
- Strong 8" 10 t hydraulic ram
- Pull arm can be tilted sideways 45°
- Precise control of pump serves smaller or even delicate straightening applications
- PHP10 is an ideal supplement for this tool that will save time and reduce the manual effort
- Delivery includes:

1x manual pump with high pressure hose (length 1.50 m)

2x chains, length of 1.50 m (model RGS100K-8951011083)

with hook (model RGS100H-8951011082)

2x jack stands, adjustable in height (model RGS100UB - 8951011080)

2x body clamps\*, long type - hole diameter 75 mm (model RGS100UK - 8951011084)

1x supporting pipe length 1,80 m, diameter 74 mm (model RGS100QU - 8951011081)

2x universal pull clamps with ring (895031593)

1x counter support, complete (shark's fin)

Model Part# PHP10 8951000136



Pneumatic-hydraulic Pump. Convenient and easy to handle, operation by hand or foot. 1-step silenced pump with high performance. Ideal in combination with rams like HRS04/ HRS 10/HPP10 and dozer RGS 100. Maximum hydraulic pressure 700 bar. Oil capacity 0.7 l, hydraulic high pressure hose length 1,5 m

Model Part# HRZ 8951000137



Pulling ram Pullling force 5 t. Stroke 156 mm. Thread on cylinder 1/4". Length maximum 665 mm (including hook)

Model Part# HRD10F 8951000138



Push ram

Pushing force 4 t / 10 t. Stroke 10 mm. Min. height 42 mm. Length min. 83 mm. Width 58 mm. Thread on cylinder 1/4". Adaptable with pumps PHP10

Model Part# HRD10K 8951000139

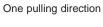


Push ram

Pushing force 10 t. Hydraulic stroke 50 mm. Length minimum 130 mm. Thread on cylinder 1/4". Adaptable with pumps PHP10

Model Part# 101 8951011064

Model	101
Total length	225 mm
Total width	85 mm
Total height	70 mm
Height of grip	22 mm
Width of grip	40 mm
Bolt/nut	M16x70
Weight	1,8 kg





Model Part# 102NN 8951011068

Model	102NN
Total length	240 mm
Total width	155 mm
Total height	40 mm
Height of grip	15 mm
Width of grip	35 mm
Bolt/nut	M14x110
Weight	2,1 kg

Two pulling directions



Model Part# 8951011073 601N

Model	601N
Total length	180 mm
Total width	120 mm
Total height	150 mm
Height of grip	15 mm
Width of grip	120 mm
Bolt/nut	M14x68
Weight	2,7 kg

Two pulling directions



03

04

01

02

05

06

07

80

Model Part#. 101N 8951011066

Model	101N
Total length	220 mm
Total width	120 mm
Total height	45 mm
Height of grip	25 mm
Width of grip	43 mm
Bolt/nut	M16x70
Weight	1,8 kg

Two pulling directions



Model	Part#.
301	8951011069

Model	301
Total length	260 mm
Total width	65 mm
Total height	80 mm
Height of grip	25 mm
Width of grip	30 mm
Bolt/nut	M14x68
Weight	1,6 kg

Quick chain hook



3951 C	)1107	7	

Model	901
Total length	200 mm
Total width	65 mm
Total height	65 mm
Height of grip	-
Width of grip	-
Bolt/nut	-
Weight	1,3 kg

Part#

Model

901



Chain shortener

Model Part#. 102 8951011065

Model	102
Total length	240 mm
Total width	125 mm
Total height	45 mm
Height of grip	15 mm
Width of grip	35 mm
Bolt/nut	M14x120
Weight	2,0 kg

One pulling direction



Model	Part#.
402	8951011070

Model	402
Total length	180 mm
Total width	180 mm
Total height	45 mm
Height of grip	15 mm
Width of grip	45 mm
Bolt/nut	-
Weight	2,4 kg

One pulling direction



Model	Part#.
102N	8951011067

Model	102N
Total length	230 mm
Total width	90 mm
Total height	35 mm
Height of grip	15 mm
Width of grip	35 mm
Bolt/nut	M14x110
Weight	2,0 kg

One pulling direction



Model	Part#.
601	8951011072

Model	601	(
Total length	180 mm	
Total width	120 mm	
Total height	70 mm	
Height of grip	15 mm	
Width of grip	120 mm	
Bolt/nut	M14x68	
Weight	2,3 kg	







### 06| Workshop presses

| Workshop presses | Accessories

### **WORKSHOP PRESSES**



Model	Part#	<b>RODCRAFT</b>
WP15	8951000064	Premium

Model	WP15
Capacity	15 t
Max. Width A	700 mm
max. Length B	540 mm
max. Height C	882 mm
Width inside frame E	500 mm
Distance inside frame F	120 mm
Distance over table F 1 min.	157 mm
Distance over table F 2 max.	457 mm
Hydraulic stroke R	160 mm
Oil volume	0.61
Weight	75.5 kg
2 stage hydraulic	

Model WP20S	Part# 8951000065	<b>RODCRAFT</b> Premium
Model		WP20S
Capacity		20 t
Max. Width	A	740 mm

Wodel	WI 200
Capacity	20 t
Max. Width A	740 mm
Max. Length B	700 mm
Max. Height C	1772 mm
Width inside frame E	510 mm
Distance inside frame F	132 mm
Distance over table F 1 min.	185 mm
Distance over table F 2 max.	1175 mm
Hydraulic stroke R	186 mm
Oil volume	0.95 l
Weight	105 kg

### 2 stage hydraulic







- Professional workshop press with welded frame
- Manual hydraulic pump with ergonomic handle

hghi

- 2-speed pump that can be manually switched
- Easy-to-read large gauge
- For pressing on smaller diameters (like bushings and bearings) we offer a press bolt set from our accessory range that fits this press and and contains various press bolts, a quick chuck and a punch plate
- Workshop press for applications that can be done while standing
- Especially useful for larger work pieces
- Robust, welded frame
- Automatic 2-speed hydraulic pump with sturdy lever in ergonomic position for powerful pressing
- For pressing on smaller diameters (like bushings and bearings) we offer a press bolt set from our accessory range that fits this press and contains various press bolts, a quick chuck and a punch plate

#### Model Part# WP30P 8951000071

Model	WP30P
Capacity	30 t
max. Width A	795 mm
max. Length B	700 mm
max. Height C	1772 mm
Width inside frame E	535 mm
Distance inside frame F	140 mm
Distance over table F 1 min.	151 mm
Distance over table F 2 max.	1031 mm
Hydraulic stroke R	160 mm
Oil volume	1.1
Weight	167 kg
F .	

#### Foot pump







- Workshop press with extra wide robust, welded frame
- For one person operation
- Cylinder can be shifted sideways for versatile applications
- 2-speed pump that can be switched manually - for fast approach and powerful pressing
- Includes a set of press bolts with quick change chuck (see DS8)
- Adjust the press table easily with the help of the suspending cables and the central winch

01

02

03

04

05

Model Part# **RODCRAFT** Premium WP50P 8951000072

Model	WP50P
Capacity	50 t
max. Width A	1030 mm
max. Length B	800 mm
max. Height C	1830 mm
Width inside frame E	730 mm
Distance inside frame F	207 mm
Distance over table F 1 min.	68 mm
Distance over table F 2 max.	1048 mm
Hydraulic stroke R	200 mm
Oil volume	2.5
Weight	298 kg

#### Foot pump

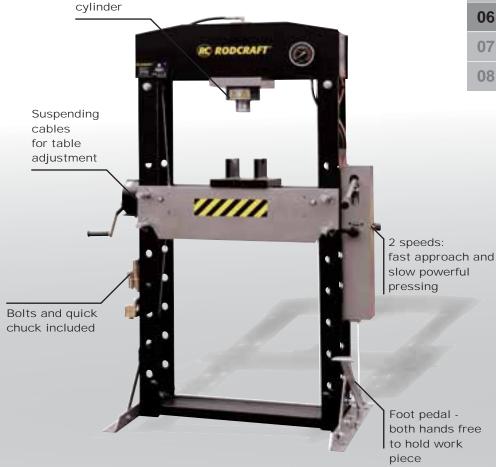




- Workshop press with extra wide robust, welded frame
- For one person operation
- Cylinder can be shifted sideways for versatile applications
- 2-speed pump that can be switched manually - for fast approach and powerful pressing
- Includes a set of press bolts with quick change chuck (see DS8)
- Adjust the press table easily with the help of the suspending cables and the central winch

## Comfortable 30t or 50t presses

Sideways shiftable



### **Accessories**

Model Part# DS8 8955000050

- Press bolt set with punch plate and quick chuck
- Fits the pistons of all presses shown here
- The quick chuck allows the fast exchange of press bolts to adapt the diameter of the press bolt to various applications
- Already included with models WP30P and WP50P

Model Part# Punch plate



Model Part# 8955000039 Quick change M

Model	Part#
Punch 10 mm	8955000048
Punch 12 mm	8955000047
Punch 16 mm	8955000042
Punch 18 mm	8955000041
Punch 20 mm	8955000043
Punch 22 mm	8955000044
Punch 25 mm	8955000045

Punch 30 mm 8955000046



Model	Part#
WP75P	8951000170

1
RODCRAFT
Premium
FICHIUM

Model	Part#	RODCRAF
WP100P	8951000171	Premium

Model	WP75P
Capacity	75 t
max. Width A	1140 mm
max. Length B	800 mm
max. Height C	1840 mm
Width inside frame E	800 mm
Distance inside frame F	245 mm
Distance over table F 1 min.	170 mm
Distance over table F 2 max.	884 mm
Hydraulic stroke R	250 mm
Oil volume	4.5
Weight	498 kg

Model	WP100P
Capacity	100 t
max. Width A	1200 mm
max. Length B	990 mm
max. Height C	1830 mm
Width inside frame E	787 mm
Distance inside frame F	300 mm
Distance over table F 1 min.	114 mm
Distance over table F 2 max.	814 mm
Hydraulic stroke R	300 mm
Oil volume	5.6
Weight	766 kg

### 2 stage hydraulic

### 2 stage hydraulic





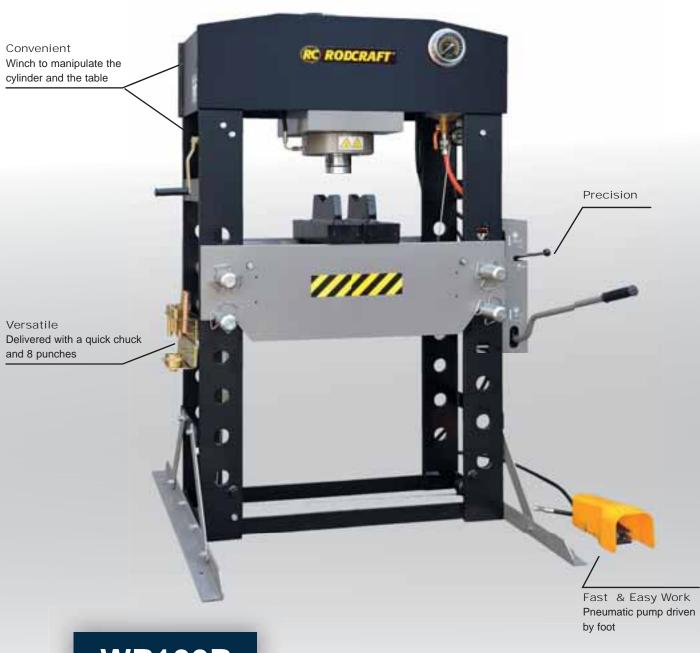


100 t 766 kg

- No Features Gb inDB

- No Features Gb inDB

# Durable and easy to use



**WP100P** 



## 07| Wheel Dolly

| Wheel Dolly

Model Part# **RG600** *8951089045* 

Model Part# 8951089091

Model Part# 8951000168

#### Max. width 300 mm



- Easy positioning of cars
- moving in all directions
- Simple to use with foot pedal
- The wheel is lowered when turning the valve
- Knob robust hydraulic system instead of high maintenance mechanical mechanism (no regreasing of gears etc.)
- For tyres up to a width of 300 mm and a diameter of 650 mm
- Weight 18 kg
- Capacity 600 kg

### Adjustable 290-620 mm



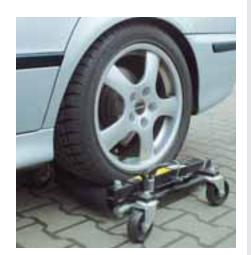
- Assembly aid for various types of wheels
- Adjustable arms for various wheel sizes (width 29 62 cm)
- Equipped with rollers for easy positioning of wheels onto the vehicle's stud bolts or holes in the brake disk
- With stop rollers on the rear side that avoid pushing the wheel onto the frame
- Ergonomic handle with rounded and soft grip
- Handle length adjustable (3 positions)
- Max. capacity 250 kg

#### Adjustable 545-1280 mm





- Application: quick and easy disassembly and assembly of truck wheels and wheel sets, with or without brake drum
- Easy loading and transport to or from the lathe, tyre mounting machine or axle
- 2 swivel front wheels and 3 fixed rear wheels facilitate movingd precise positioning of the lift in order to avoid damage to axle bolts (no more tapping for repair of bolts needed)
- Saves time and contributes to safety and worker's health (spine)
- Practical foot pedal for lowering the lifted wheels (dead man auto-stop valve)
- Sturdy chassis made of square steel bars with max. capacity 700 kg
- Retaining arms can be adjusted sideways for small wheels as well as wheel sets
- Each loaded wheel rests stable and can still be turned individually when loaded because of 2 broad chromed rollers on each retaining
- Oil and acid resistant heavy duty wheels with large diameter
- Partly foldable and legs can be taken off for storage an easier transport in service cars
- The asymmetrically installed hydraulic unit on one side offers enough space to get access to the wheel hub and bolts even for 1" impact wrenches etc.
- Hydraulic construction for less maintenance in contrast to chain/roller construction



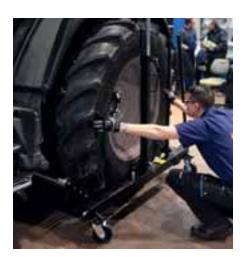


Model Part# RHW120 8951000169

### Adjustable 1000-2200 mm



- Application: quick and easy disassembly and assembly of truck wheels and wheel sets, with or without brake drum
- Easy loading and transport to or from the lathe, tyre mounting machine or axle
- 2 swivel front wheels and 4 fixed rear wheels facilitate moving



# Strong and easy to use



**RHW120** 

01

02

03

04 05

06

07



### 08| Various

| Torque Wrench

Hydraulic wheel lift

Creeper

Seats

| Brake fluid tester

| Start-booster

| Work light

01

02

03

04

05

06

07

### Model Part# **DMS030** *8951000091*

Model	DMS030
Square Drive	1/4"
Capacity	5 – 25 N.m
Graduation	0,1 N.m
Length	245 mm
Weight	1.28 kg

### 1/4" - 5 - 25 N.m



- Scale in Nm
- Torque adjustment with manual locking in front of the handle
- Fine scale graduation: 0.1 Nm
- Sensitive & sound signals when reaches the torque
- Provided with ISO 6789 calibration certificate
- Provided in a protective blow molded case
- Numbered wrenches

### Model Part# **DMS060** *8951000092*

Model	DMS060
Square Drive	3/8"
Capacity	20 – 100 N.m
Graduation	0,5 N.m
Length	410 mm
Weight	1.5 kg

### 3/8" - 20 – 100 N.m



- Scale in Nm
- Torque adjustment with manual locking in front of the handle
- Fine scale graduation: 0.5 Nm
- Sensitive & sound signals when reaches the torque
- Provided with ISO 6789 calibration certificate
- Provided in a protective blow molded case
- Numbered wrenches

### Model Part# **DMS200** *8951000093*

	*** ***
Weight	2.02 kg
Length	520 mm
Graduation	1 N.m
Capacity	40 – 200 N.m
Square Drive	1/2"
Model	DMS200

#### 1/2" - 40 - 200 N.m



- Scale in Nm
- Torque adjustment with manual locking in front of the handle
- Fine scale graduation: 1 Nm
- Sensitive & sound signals when reaches the torque
- Provided with ISO 6789 calibration certificate
- Provided in a protective blow molded case
- Numbered wrenches



01

02

03

04

05

06

07

80

Model Part# DMS400 8951000094

Model	DMS400
Square Drive	3/4"
Capacity	150 – 750 N.m
Graduation	5 N.m
Length	1060 mm
Weight	5,84 kg

### 3/4" - 150 – 750 N.m



- Scale in Nm
- Torque adjustment with manual locking in front of the handle
- Fine scale graduation: 5 Nm
- Sensitive & sound signals when reaches the
- Provided with ISO 6789 calibration certificate
- Provided in a protective blow molded case
- Numbered wrenches

Model Part# DMS1000 8951000095

00
000 N.m
m

#### 1" - 200 - 1000 N.m



- Scale in Nm
- Torque adjustment with manual locking in front of the handle
- Fine scale graduation: 5 Nm
- Sensitive & sound signals when reaches the
- Provided with ISO 6789 calibration certificate
- Provided in a protective blow molded case
- Numbered wrenches

DMS030 - 1/4" DMS060 - 3/8"

DMS200 - 1/2"

DMS400 - 3/4"



DMS1000 - 1"

Model Part# 8951089021

Model	RSF01	
Sitting height	480 mm	
min. height	150 mm	
Length	1.250 mm	
Width	450 mm	
Weight	14 kg	

### Ergonomic sitting height







- Creeper chair in one, for various working heights
- Ergonomic design especially for tiring work
- Folding mechanism with safety lock against unintended folding
- Easy and stable to move on seven large
- Wheels diameter 63 mm oil and acid resistant
- Comfortably upholstered and covered with easy to clean surfaces
- Head rest adjustable in 3 positions
- Storage area for tools, sockets, light (upholstery at feet can be folded up)
- Capacity 90 kg



Model	RSF02
Min. height	115 mm
Length	1.005 mm
Width	480 mm
Weight	4,8 kg

### Weight 4,8 kg only







- Solid creeper construction made of plastic
- Extra low area at arms for more freedom
- Upholstered head rest
- Two easy to reach storage areas for parts and tools
- 6 large oil resistant wheels for noise and vibration reduced moving
- Capacity 90 kg



01

02

03

04

05

06

07

08

### CREEPER/BRAKE TESTER/ **WORK LIGHT** START-BOOSTER



Model Part# BFT02 8951089032

Model	BFT02
Length	130 mm
Width	20 mm
Weight	20 g

## **Brake Fluid Tester**



- Easy to operation: 3 modes according to the water % in the brake fluid.
- Supplied with 1 battery





Model Part# LED30 8951000120

### 2250 Lux 30 LED's



- Rechargeable work light equipped with
- 3 different lights: half light, full light, flash light
- Waterproof: IP65 grade
- Li-Ion Akku is charged within 3,5 hours. 6,0 hours of working time.
- Provided with car plug (12V) and EU plug



Model Part# BOS12-XA 8951000062

Model	BOS12-XA
Voltage	12 V
Starting current (amps peak)	3.500 A.p.
Starting current (amps continuous)	1.150 A
Weight	10,2 kg
Recharging capacity	1,5 AH (12V)
Recharging voltage (net to charger)	230 V
Recharging voltage (charger to booster)	14,9 V
Recharging time	15 h
Cycles	500
Cable cross section	28 mm <sup>2</sup>
Cable length	170 cm
Protection against over-tension	yes
Booster batteries	12V 23 Ah
Recharging cable	yes
Shock-proof housing ABS	yes
Dimension booster WxDxH	380x190x335 mm

### Made in Europa 12V / 3500 A.p.



BOS12-XA



- Mobile and handy aid for start-ups and as a portable source of energy
- Modern 100% gas-proof-sealed battery cells (AGM) with high energy density and 1st-class manufacturing (european quality product) with long life-time
- 170 cm highly flexible long cables
- Solid copper clamps externally fully insulated - internally connected jaws (conductive band) for large conduction surfaces
- Shock-proof, easy maintenance ABShousing with practical storage for the cables
- Including an automatic charger (no surcharging, booster can be kept recharging until needed) and equipped with a cable for use in a car's cigarette-lighter socket
- With 5 LED-indicator showing the charging state
- Protects against voltage peaks and preserves memorised data in car computers and radios etc.
- Also reliable under extreme temperature conditions (-40°C up to +45°C)

Notes	



Notes	

MODEL	PART#	PAGE
AK03	8951081000	24
BC2-2L	8951000178	12
BC2-2S	8951000177	12
BC2-3L	8951000179	12
BFT02	8951089032	51
BOS12-XA	8951000062	51
DMS030	8951000091	48
DMS060	8951000092	48
DMS200	8951000093	48
DMS400	8951000094	49
DMS1000	8951000095	49
GHN300	8951000131	28
GHN600	8951000132	28
GHN1000	8951000133	28
HRD10F	8951000138	34
HRD10K	8951000139	34
HRS04	8951000124	32
HRS10	8951000125	32
HRS20	8951000126	33
HRZ	8951000137	34
LED30	8951000120	51
LHH22	8951084201	13
LHH35	8951084350	13
MGM2	8951000176	21
MGN2	8951000009	14
MGN3	8951000010	14
MGN5	8951000011	14
MGN8	8951000012	14
MGN12	8951000013	14
MGN12F	8951000127	14-15
MGN12L	8951000128	14-15
MGN20	8951000014	14
MGN20F	8951000129	14-15
MGN30	8951000015	14
MGN50L	8951000130	14-15
MMB500	8951089048	21
MP500	8951089050	21
P2	8951000057	25
P4	8951081032	25
P46	8951000058	25
P50	8951000090	25
PHP10	8951000136	34
RG600	8951089045	44
RGS100	8951089054	34
RH135	8951082025	8
RH151	8951000051	9
RH201	8951000003	8
RH215	8951082026	9
RH251	8951082024	9
RH290	8951082031	8
RH301	8951082032	10
RH310	8951082100	11
RH315	8951000063	10

MODEL	PART#	PAGE
RH501	8951082050	10
RHW1	8951089091	44
RHW120	8951000169	45
RHW703	8951000168	44
RSF01	8951089021	50
RSF02	8951089020	50
TK05	8951081013	24
UBZ-2	8951000027	17
UBZ-3	8951000028	17
UBZ-6	8951000029	17
USB1.5	8951000096	16
USB1.5H	8951000097	16
USB3	8951000098	16
USB5	8951000099	16
USB8	8951000101	16
USB8H	8951000102	16
USB12G	8951000103	16
UBS12HG	8951000104	16
USB16H	8951000106	16
USBN5	8951000100	16
WK102K	8951080101	20
WK201KM	8951080200	20
WP15	8951000064	38
WP20S	8951000065	38
WP30P	8951000071	38
WP50P	8951000072	39
WP75P	8951000170	40
WP100P	8951000171	40

