

# BEDIENUNGSANLEITUNG - OPERATING INSTRUCTIONS - NOTICE D'UTILISATION









# 460.3620

- Achsschenkelbolzen-Presse, 75t, mit Hülsen-Satz, 29-tlg.
- Hingpin press 75t with set of sleeves, 29 pcs

DE/MLA/FFI/18-01-2019



#### Introduction

Dear customer!

Thank you for buying one of our products. You can find all the information you need in these operating instructions.

Please read the instructions completely with care and observe the advice given. The operating instructions are part of the Kingpin press and should be kept intact. The manufacturer is not liable for personal injuries and material damages which result from improper use.

## 1. Provisions for use

The manufacturer shall not be held liable for personal and/or material damage which can be traced back to unintended use of the tool.



Pay heed to the vehicle manufacturer's specifications!

## 2. Technical data

Transport cart size: L:1120 x W:520 x H:910 (mm)

Hydraulic cylinder: 75 tons
Stroke: 140 mm
Clearance between puller bolts (P.C.D): 300 mm

 Clearance height:
 320 mm ~ 430 mm

 Air Pump:
 460.3622 (700 bar)

 Cart Lift:
 350 mm - 580 mm

 Weight:
 Approx. 172 kgs

# 3. Operation

# Reason for replacing King Pin bearing:

King Pin bearing will looseness after driving long-term period and this will cause front wheel alignment problem and it would be dangerous to drivers.

#### **Description:**

This press can assemble and disassemble KING PIN on European trucks and Japanese trucks for replacing bearing or sleeve.

Save time, labor and money!

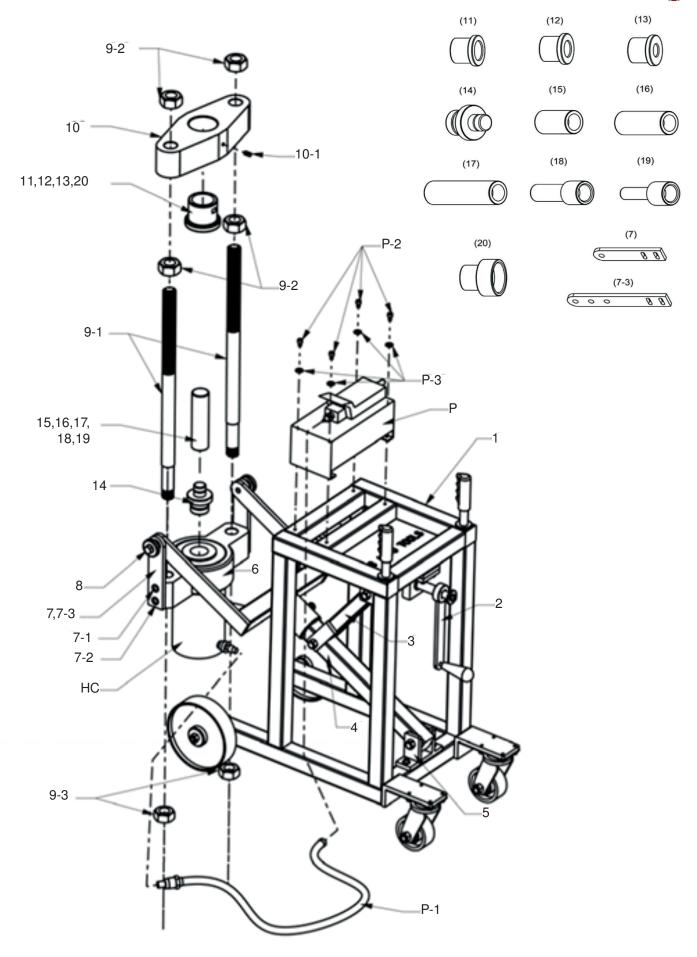
With the revised bar, you can turn it 360°.

Product features: Flexibility at work.

It can be upwards and downwards (rotatable 180°) depends on position of King pin when assembly or disassembly. With 75 tons hydraulic cylinder & 460.3622 pump (700 bar).

Application: European trucks & Japanese trucks.





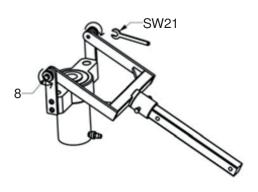


Item No.	Description	Specifications	Q'TY	
1	Trolley	L794xW410xH835	1	t4
2	Handle bar	L248xW50xH106	1	φ20x20L
3	Lift connecting rod	L318xW64xH40	1	t4
4	Lifting arm	L931.5xW379xH80	1	t4
5	Lifting arm base	L50xW150xH86	1	
6	Cylinder base	φ190x80L	1	M146xP2.5x60L
7	Connecting arm	L50xW12xH220	2	
7-1	Socket button head screws	M10xP1.5x30L	4	
7-2	Washer	M10xt1.5	4	D : φ21
7-3	Connecting arm	L50xW12xH320	2	
8	Fixing Bolt	φ50x63L	2	
9-1	Bolts	φ36x650L	2	
9-2	Nuts	M36xP4.0x28L	4	H54
9-3	Nuts	M33xP3.5x25L	2	H50
10	Upper base	L140xW380xH80	1	
10-1	Set screws	M10xP1.5x20L	1	
11	Support sleeve	φ98x75L	1	d : φ61
12	Support sleeve	φ98x75L	1	d : φ51
13	Support sleeve	φ98x75L	1	d : φ40
14	Remove Mandrel adaptor	φ70x80L	1	
15	Remove Mandrel	φ47x80L	1	d : φ33x30L
16	Remove Mandrel	φ47x120L	1	d : φ33x30L
17	Remove Mandrel	φ47x170L	1	d : φ33x30L
18	Remove Mandrel	φ47x126.5L	1	d : φ33x30L
19	Remove Mandrel	φ47x121.5L	1	d : φ33x30L
20	Remove sleeve	φ117x110L	1	
HC	Hydraulic cylinder (75tons)	φ146x295L	1	
P	Air pump	L140xW305xH203	1	
P-1	Oil tube	3/8"NPTx1800	1	
P-2	Hex Socket Screws	M8xP1.25x20L	4	
P-3	Washer	M8xt1.5	4	D : φ20

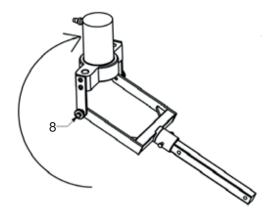


# 4. Assembly

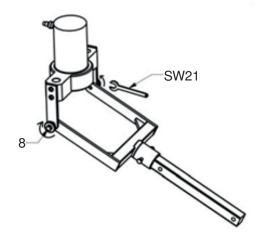
1. To make hydraulic cylinder adjust position, use SW21 wrench and turn anti-clockwise on part number 8 until loosen.



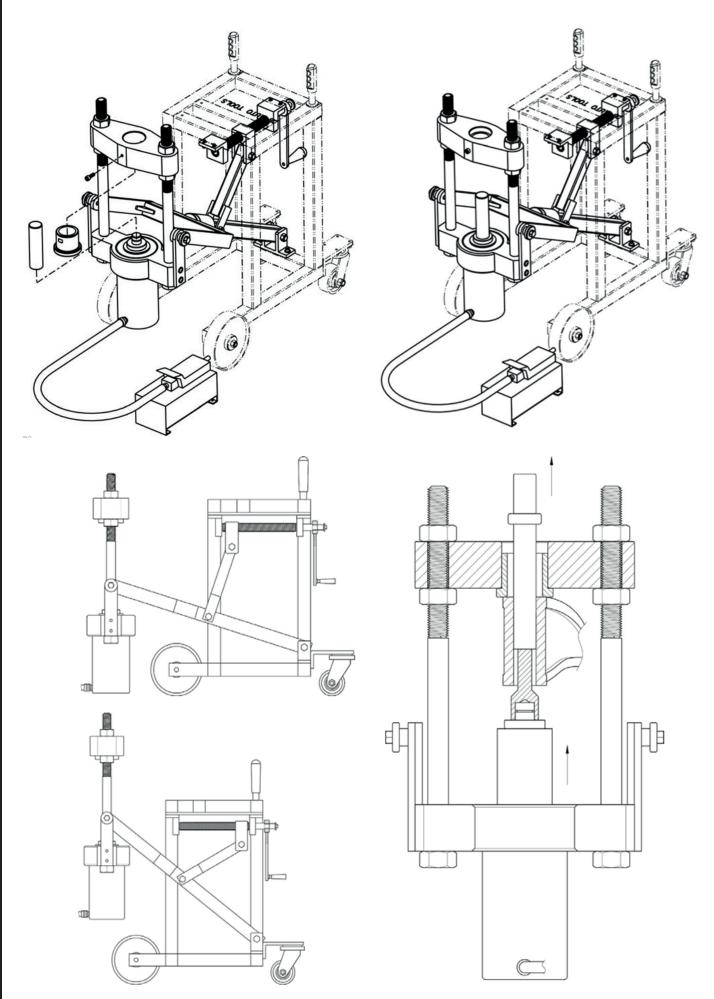
2. And then put hydraulic cylinder to work position.



3. Finally, use SW21 wrench and turn clockwize to tighten on part number 8 to make cylinder fix on the appropriate work position.









## 5. Safety and usage instructions

Tools may in principle only be used for the purpose intended, under the conditions envisaged and within the limitations as to their use.

## 6. Maintenance

Incorrect or defective replacement parts can lead to damage.

### 7. Checks

All tools are to be checked for damage.

## 8. Disposal

The Tool is to be disposed of or recycled in accordance with the legislation of the respective country.

#### 9. Guarantee

The KS Tools Werkzeuge-Maschinen GmbH guarantee applies for all tools that are used under normal usage conditions. The following are excluded from the guarantee:

- **Consumables** e.g. any type of cutting tools, cutting inserts and disks, cutting and scraping tools, brooms, brushes, files, batteries, bits or bit sockets, rotor blades in pneumatic devices, isolators on heating coils, any type of fuses, carbon brushes, etc.
- Faulty functioning of parts that show usage-related or other natural wear and tear, as well as tool defects that can be traced back to usage-related or other natural wear and tear.
- **Defects** in the tool that can be traced back to a failure to observe the operating instructions, improper use, use under abnormal environmental conditions or unsuitable operating conditions, overloading or improper maintenance. Also defects in tools caused by the use of accessory parts or other parts that are not KS Tools original parts.
- Tools which have been modified or equipped with additions.
- Minor deviations from the intended quality that are however insignificant for the value and suitability for use of the tool.

The guarantee period is 12 months in cases of industrial or equal use.

The guarantee period starts on the date of purchase by the commercial end customer. The date of the original purchase receipt is decisive. For technical products with limited guarantee types A, B and C, the user must principally submit the purchase receipt in addition to the serial number of the device, if present.

The guarantee applies under consideration of the guarantee type for the duration specified in the price list valid on the day the product was purchase.

If no guarantee claim exists for the product (expiration of the guarantee time, guarantee exclusion for the reasons listed in Sec. 2) but the repair is still possible, this will only be carried our following approval of the cost estimate by the user.