



**SW41**

# THE PROFESSIONAL SPECIALIST TOOL

for joint assembly



## OLD PROBLEMS

**In the past, dismantling a yoke, a joint or a cross without damaging it was always an extremely difficult task and could only be achieved by taking plenty of time.**

- ▶ It frequently takes considerable effort to dismantle the bushes of compact yoke types or wide-angle yokes.
- ▶ Most of the tools available on the market for dismantling bushes are not user-friendly. Likewise, the previous SW23 and SW27 tools often cause problems or cannot be used at all.
- ▶ The surroundings of a vice are not always the optimum workplace. Needles can fall out of the bearing bush, leading to a tiresome search for needles that are scattered far and wide in what is sometimes a dirty environment.
- ▶ The diameter-dependent tools for releasing the circlips and driving out the bearing bush are usually not directly at hand.
- ▶ Disassembled components can often not be re-used as a result of being damaged.

## INNOVATIVE SOLUTION

- ▶ Walterscheid delivers the innovative solution in the form of the newly developed SW41 tool, which permits simple dismantling and assembly of joints.



**Compressor required**

working pressure 116 PSI, air consumption min. 14 CFM



# RAPID, RELIABLE ASSEMBLY

The new SW41 tool from the Walterscheid Service Department was developed for the assembly and dismantling of joints.

- ▶ Only a minimum of force now has to be applied for dismantling and assembly. In the case of wide-angle joints, there is no longer any need for the second person otherwise often called in.
- ▶ Bearing bushes are now mainly handled in a clean environment. Individual components can no longer be lost, as is otherwise common when using a normal vice.
- ▶ All components can be conveniently deposited on the work surface.
- ▶ Joints can also be assembled on shaft halves without difficulty.
- ▶ Since they are not damaged, bearing bushes can be re-used after being dismantled.
- ▶ Considerable amounts of time can be saved when dismantling joints of all kinds – particularly when working with wide-angle joints.



## Tool setting

Simple adjustment of the tools to every size



## Flexible percussion head

Rapid, convenient tool changing



## Assembly and dismantling

Minimum force required for dismantling and assembling the joint

# OUR TOOL SAVE YOU NOT ONLY TIME, BUT ALSO MONEY!

## Profitability analysis of the SW41 tool

Series	Replacement cross / yoke		No. of workers per assembly	Assembly costs		Savings per operation with SW41	Quantity per year	Savings per year
	without SW41	with SW41		without SW41	with SW41			
	[min]	[min]						
W2100 – W2300 )*	20	10	1	22 €	11 €	11 €	12	132,00 €
W2400 – W2700 )*	25	15	1,5	41 €	16 €	25 €	15	375,00 €
P400 – P700 )*	25	15	1,5	41 €	16 €	25 €	15	375,00 €
WW2280 – WW2580 )*	40	20	2	87 €	22 €	65 €	15	975,00 €
PW480 – PW675 )*	40	20	2	87 €	22 €	65 €	15	975,00 €
<b>Total, all repairs</b>							<b>72</b>	<b>2.832,00 €</b>

Note: )\* This analysis is based on average values, assuming an internal hourly rate of € 65,00.

The tool's payback period can vary, depending on the utilisation of the tool.

### Additional benefits:

- ▶ Less damage to individual components during assembly
- ▶ Less stress in difficult working conditions
- ▶ Less consequential damage
- ▶ Considerably better assembly quality
- ▶ Significant time savings, reducing the pressure of deadlines
- ▶ Tools can pay back within 1 year