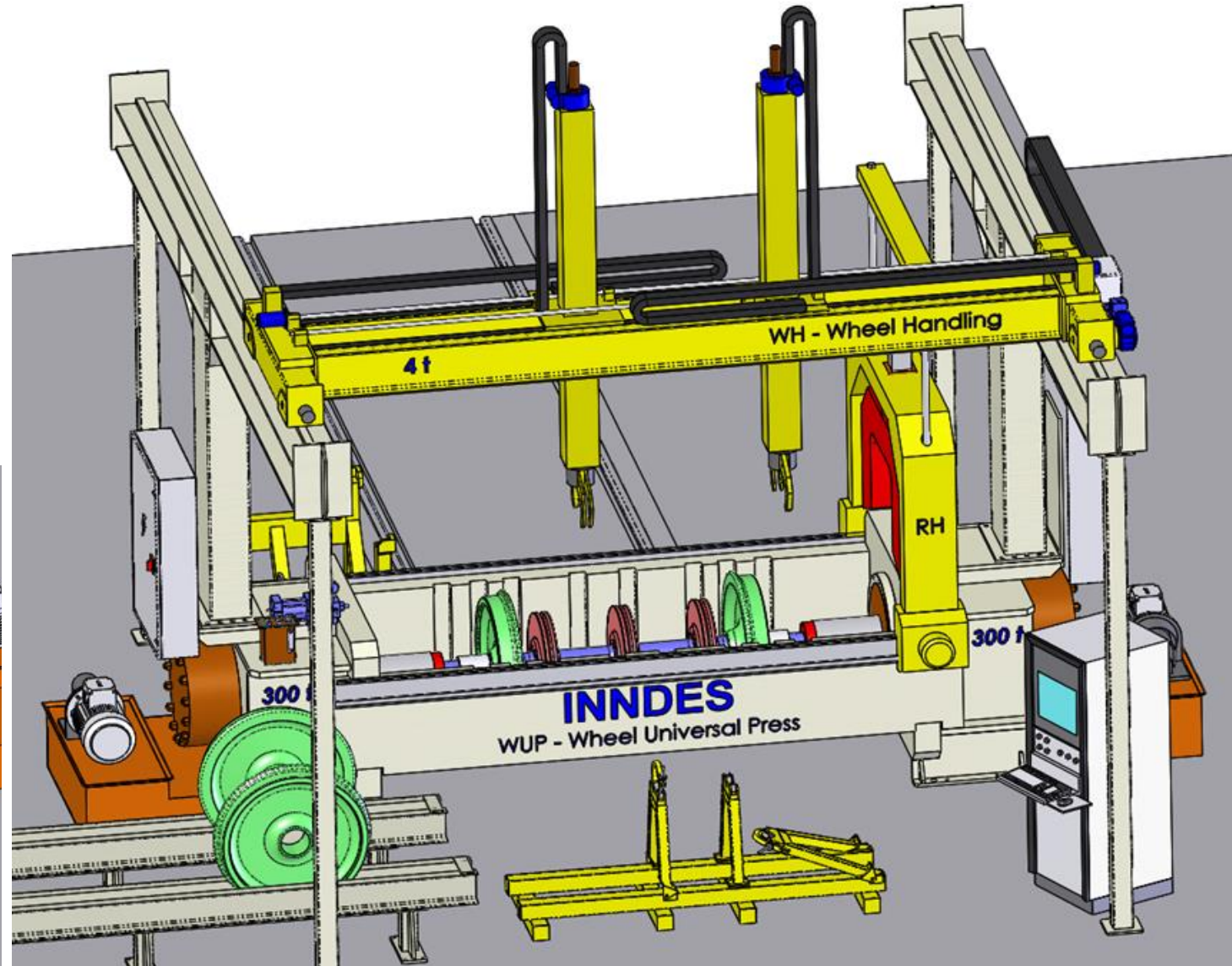
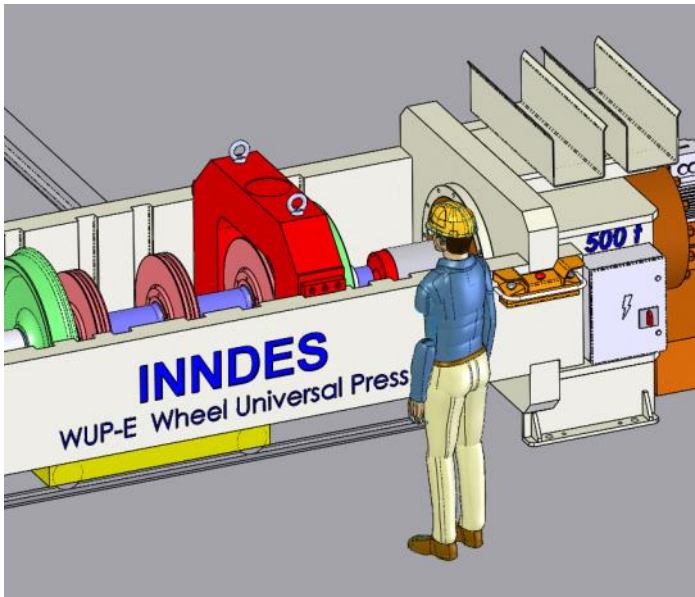




## WUP – WHEELSET UNIVERSAL PRESS

### Single and Double head Universal Horizontal Press

Model	Description
WUP 3000-2	Wheel set Universal Press 300t - Double head Max puller /installer force 3000kN (300t) Cylinder stroke 700mm Max Axle length 2600mm and Diameter 1250mm Positioning accuracy +/- 0.1mm Deep foundation NOT Necessary
/HP	Option: High Pressure pump (3000 bar)
/AK	Option: Automatic Keying of wheel, brake disc, gear (with report)
/AM	Option: Automatic Measuring of complete wheel-set (with report)
/SC	Option: Service overhead Crane
/RH	Option: Reaction plate Handling device
/WH	Option: fully automatic Wheelset Handling device



Wheel Universal Press is available from 200 up to 500t in single and double head version to assemble and disassemble wheels, brake discs, gears and bearing from the wheel sets along the wheelset maintenance line. Double head version could perform all activities on both wheelset sides in one setting without reversing the axle, as well as independent mounting. The Machine can work as basic press in manual mode or improved (also later) with many options available to reach a fully automatic plant.

**Model WUP-E (upon shown) is an entry model, only manual and not upgradable but VERY CHEAP.**



# WUP – WHEELSET UNIVERSAL PRESS

## Single and Double head Universal Horizontal Press

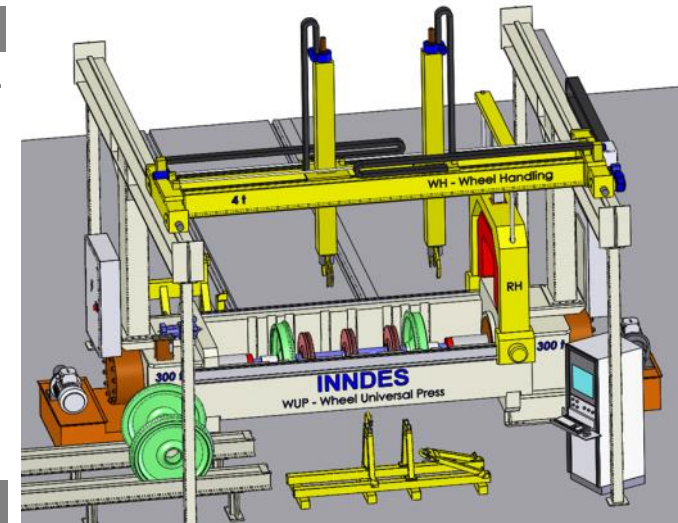
### Main description:

The Wheelset Universal Press is the latest solution to manage wheelsets renew by total dismount and mount it again. We have to complete the machine with /HP, /AK, /AM, /RH and /WH options to obtain a full automatic plant. Main machine is really UNIVERSAL because it can work on every wheelset and operate on every component.

No need special foundation and its concept is pass-trough, it can operate by both side (front and rear) also to better design workshop layout.

The equipment can be composed by Basic Machine (WUP xxxx) only or improved by a large range of options available and customize of course with adaptors for wheelset different type.

**Model WUP-E (back shown) is an entry model, only manual and not upgradable but VERY CHEAP**



### Main features:

Model	WUP 3000 (single head)	WUP 3000-2 (double head)	WUP 5000 (single head)	WUP 5000-2 (double head)
Overall dimensions LxWxH	6500x1800x2400 mm		6800x1800x2400 mm	
Weight (approx)	20000 kg	23000 kg	21000 kg	24000 kg
Installation site	Indoor - without special foundation			
Machine max force capacity	3000 KN		5000 KN	
Main Cylinder stroke	700 mm			
Cylinder height	1030 mm		900 mm	
Cylinder piston speed	1 - 20 mm/s (electronic controlled)			
Min-Max wheel/disc/bearing diameter	200 - 1250 mm			
Max axle length	2600 mm			
Main power supply	400V-50/60Hz 3P+E (Max. 25kW)	400V-50/60Hz 3P+E (Max. 32kW)	400V-50/60Hz 3P+E (Max. 32kW)	400V-50/60Hz 3P+E (Max. 32kW)
Max operating pressure	240 bar			
Noise	< 72 dB			
Option available	/HP - High Pressure pump (3000 bar) to injection oil for pulling wheel or disc /AK - Automatic Keying cycle - Fully automatic mounting cycle for wheel/disc/collars/bearing with finale report /AM - Automatic Measuring system for wheelset integrated to the machine - Take the complete report in automatic /RH - Reaction plate Handling in automatic/semiautomatic mode by the machine controls - make the job faster and easy /SC - Service Crane with two hoist by 2tonnes each to handle/load/unload the wheelset and its components /WH - Wheelset Handling in automatic/semiautomatic mode by the machine controls - make the machine full automatic			