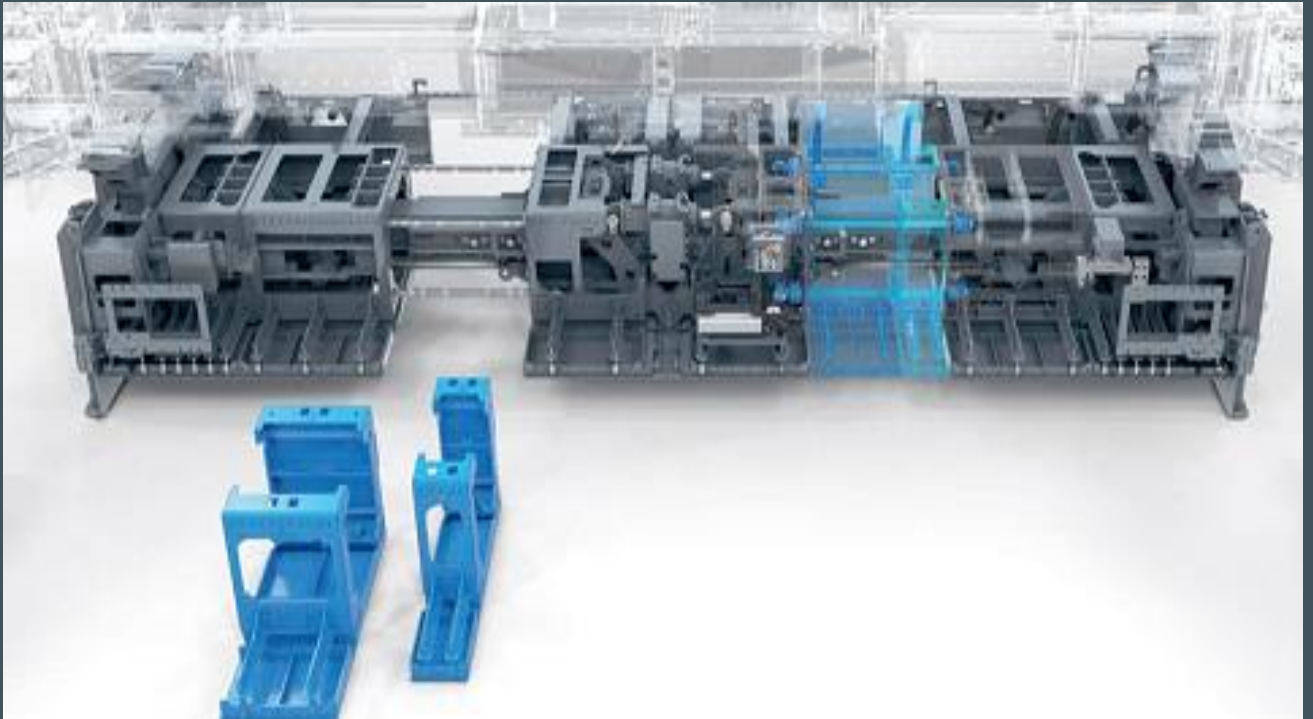




Short instruction- TeleMold



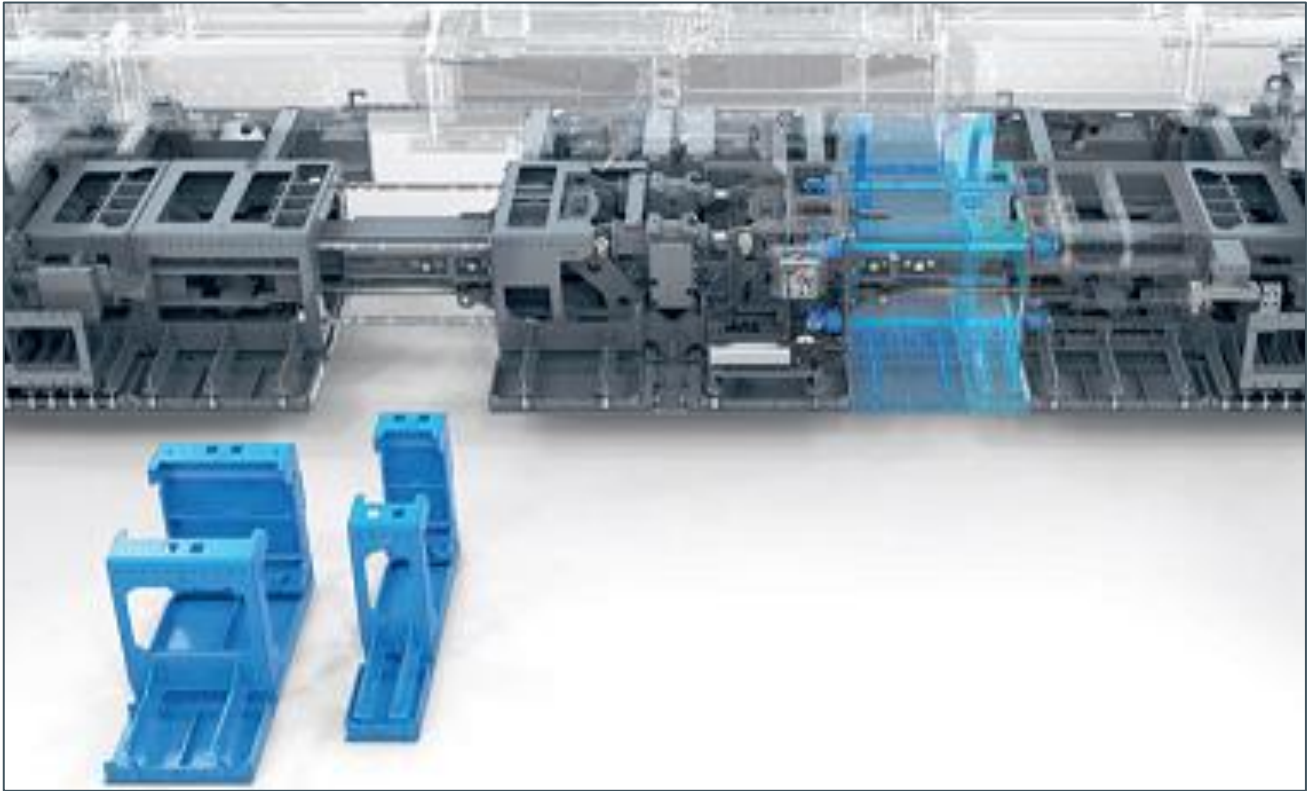
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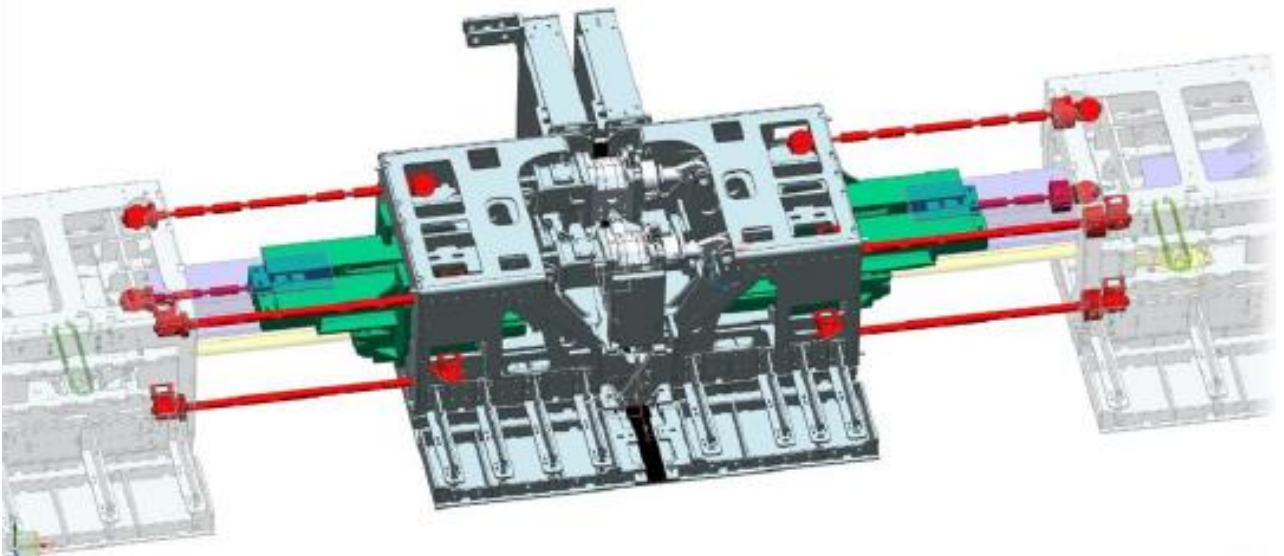
| | |
|--|----------|
| 1) Presentation of the components | 3 |
| 2) Overview of control panel | 11 |
| 3) Conversion instructions | 13 |
| 4) Error message/malfunction | 33 |
| 5) Nice to know | 35 |
| 6) Cleaning and safety instructions | 39 |

Presentation of the components

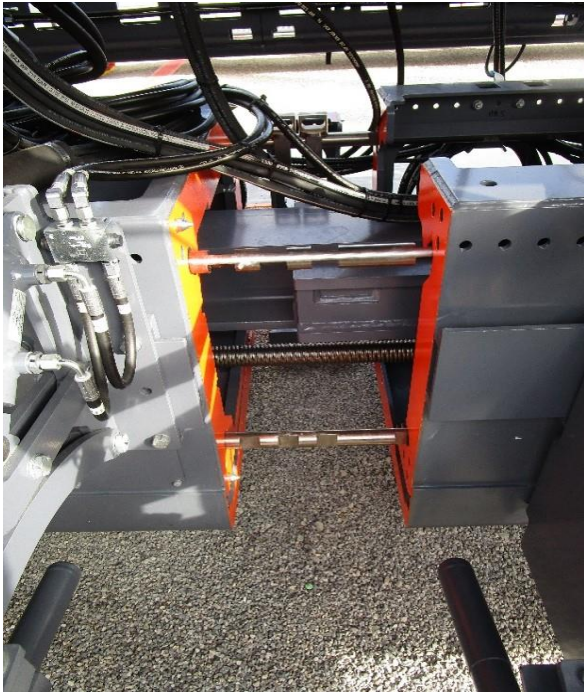


Mould base with tie rods

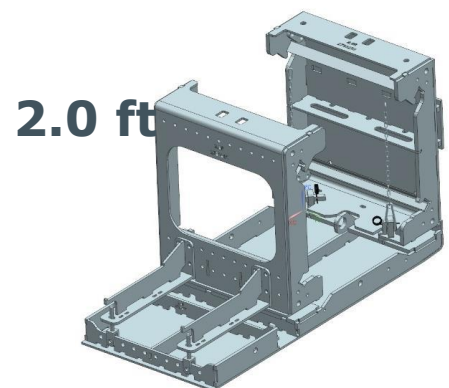
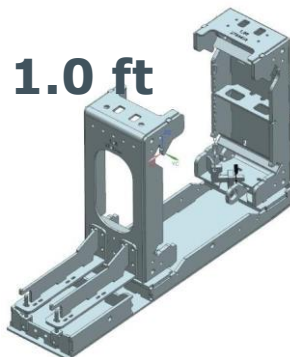
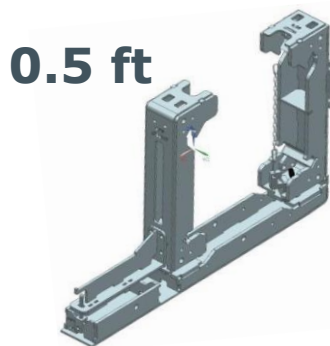
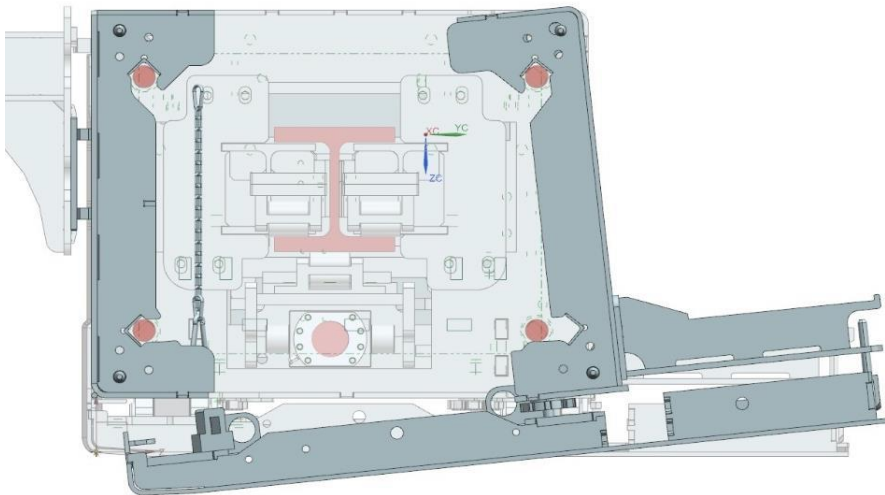
These are used to suspend the segmented mould pieces.



Presentation of the components



Mould extension pieces



Presentation of the components

High-pressure hand pump



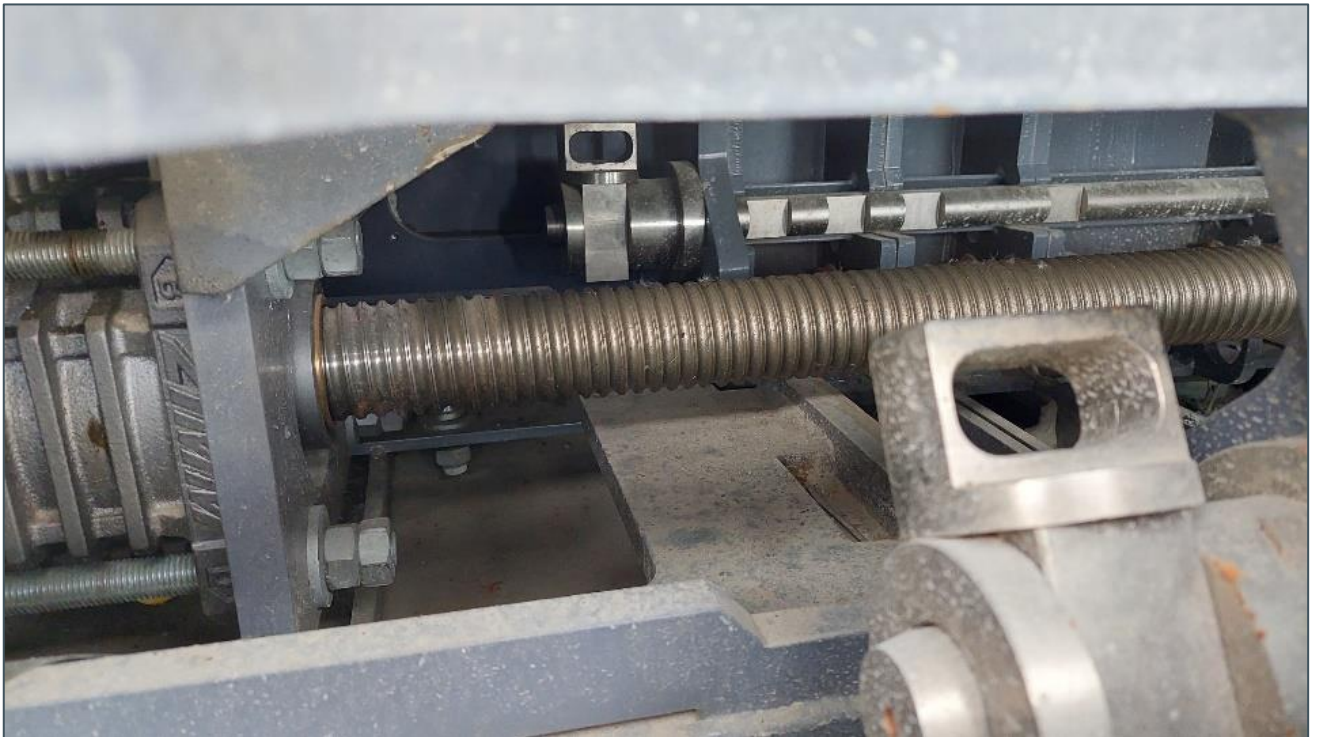
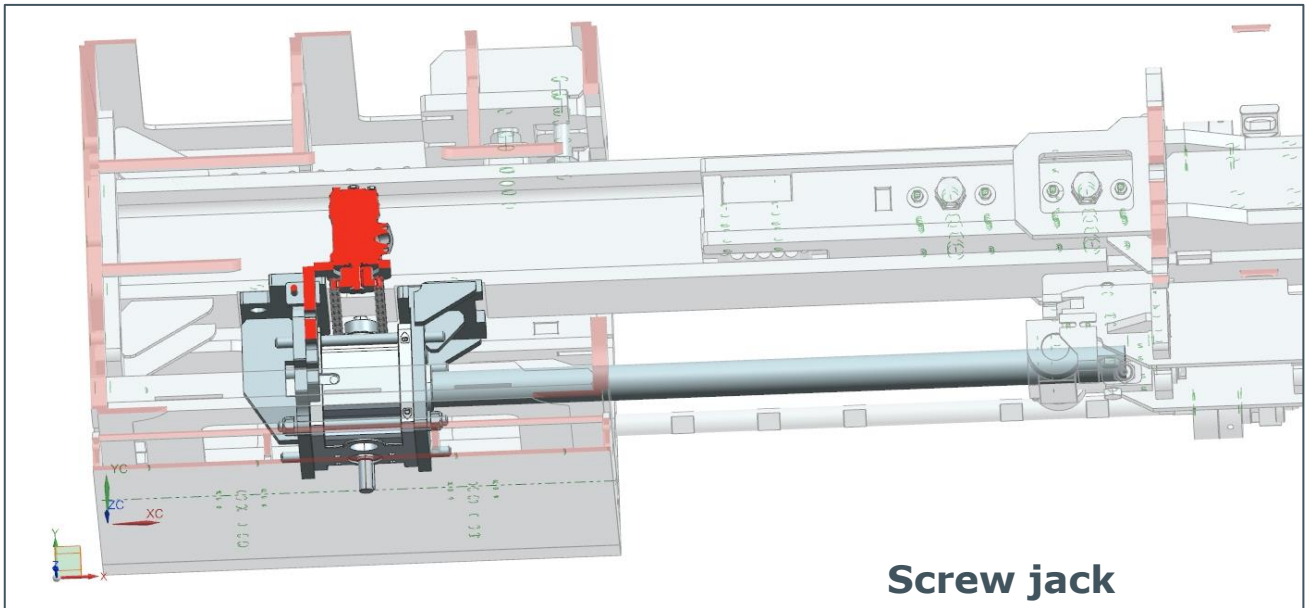
Pressure build-up



Pinning fork & hydraulic nut

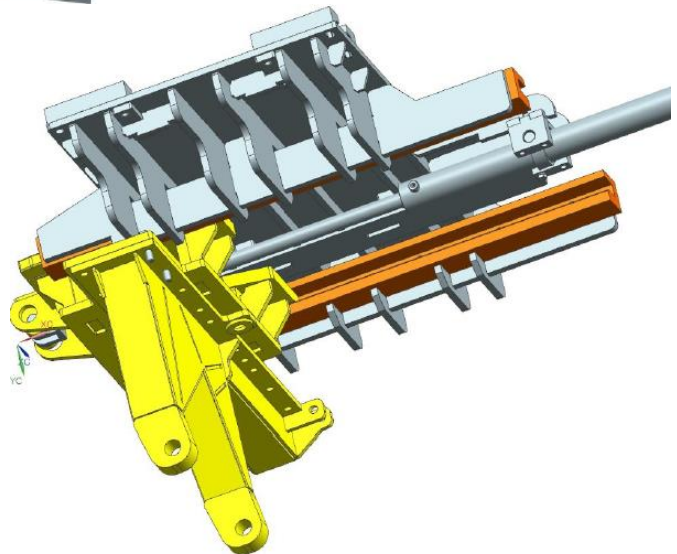
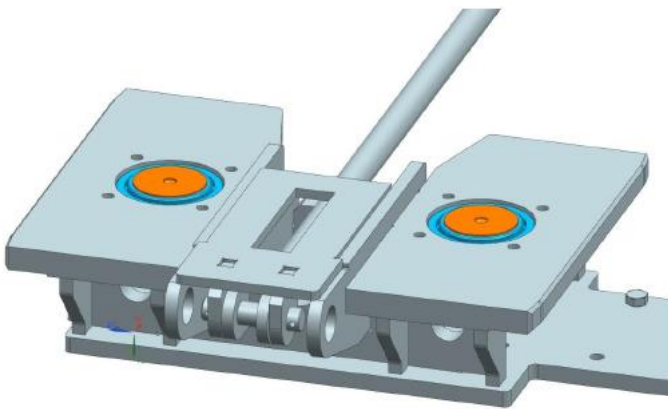
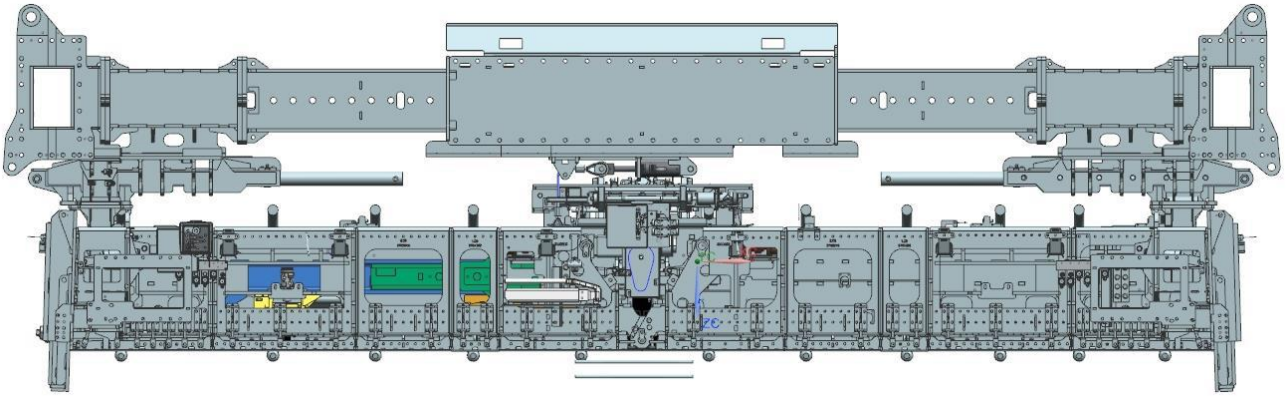


Presentation of the components



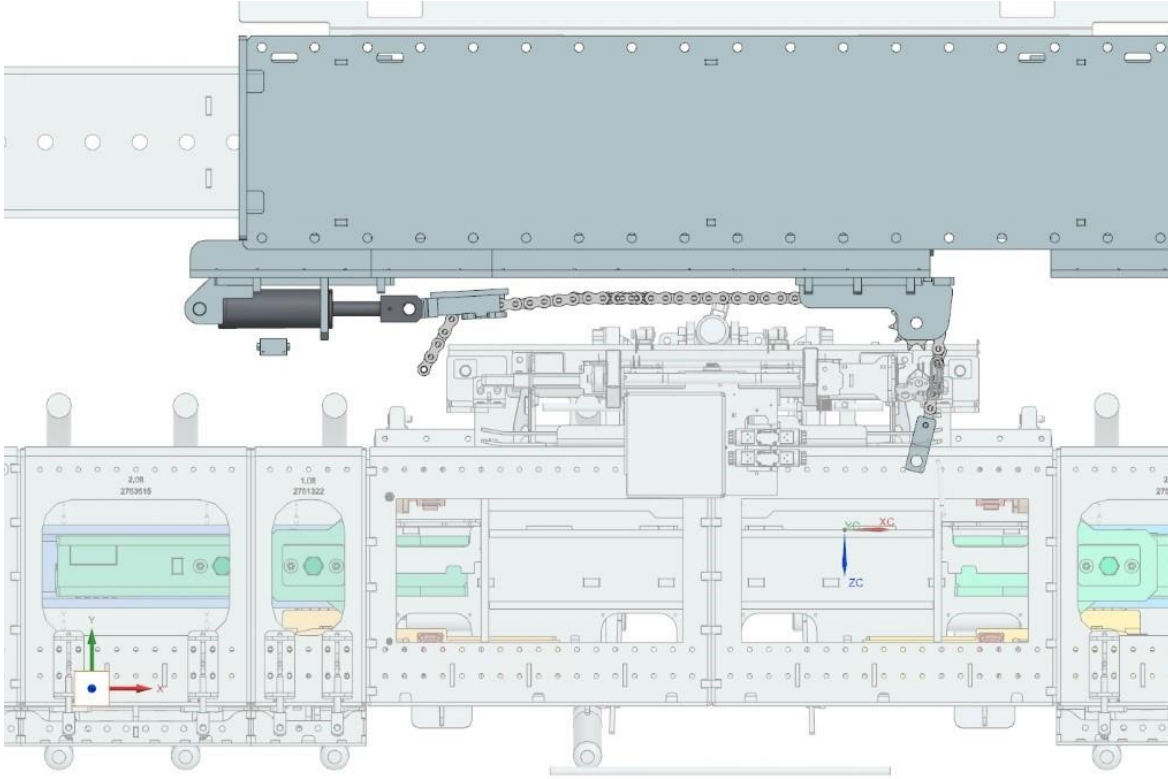
Presentation of the components

Sliding mould suspension 0-3 ft



Presentation of the components

Adjustable middle suspension point



Hydraulic adjustment middle suspension point



Presentation of the components

Conversion flap metering gate



Maintenance flap

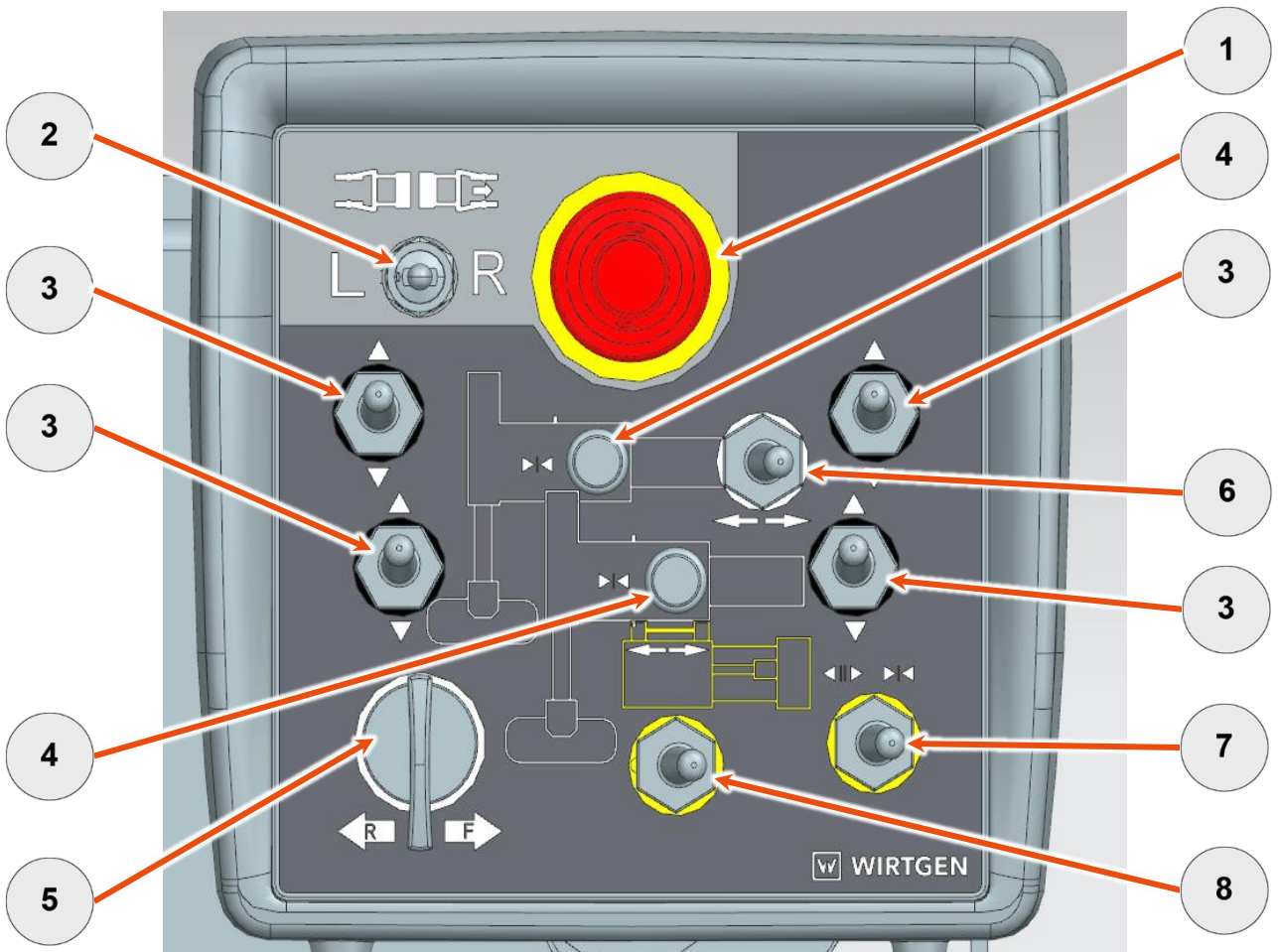




Content

| | | |
|-----------|----------------------------------|-----------|
| 1) | Presentation of the components | 3 |
| 2) | Overview of control panel | 11 |
| 3) | Conversion instructions | 13 |
| 4) | Error message/malfunction | 33 |
| 5) | Nice to know | 35 |
| 6) | Cleaning and safety instructions | 39 |

Overview of control panel



- 1) Emergency stop
- 2) Select machine side left/centre/right
- 3) Individually raise/lower undercarriage column
- 4) Clamp/release the chassis telescoping device
- 5) Travel drive in transport position forwards/reverse
- 6) Hydraulic telescoping left/right
- 7) Screw jacks forwards/back
- 8) Slide mould left/right



Content

| | | |
|-----------|----------------------------------|-----------|
| 1) | Presentation of the components | 3 |
| 2) | Overview of control panel | 11 |
| 3) | Conversion instructions | 13 |
| 4) | Error message/malfunction | 33 |
| 5) | Nice to know | 35 |
| 6) | Cleaning and safety instructions | 39 |

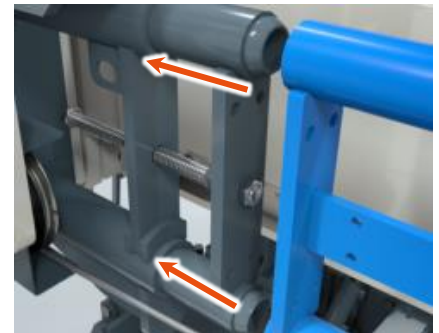
Conversion instructions

Bring the machine into transport position and carry out the following preparations prior to changing the machine width:

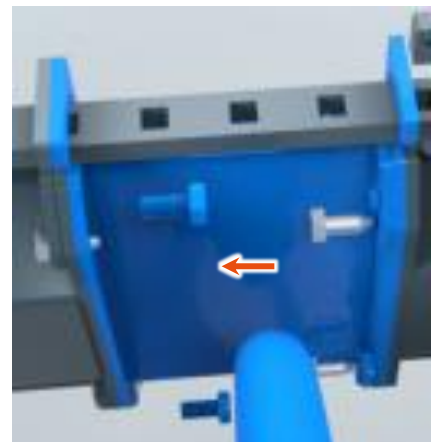
Release the cable drum and ensure sufficient unwinding of the steel wire rope.



Release the spreading plough track and push it back into the guide tube. If the paving width is reduced, the corresponding track sections must be removed for this purpose.



The connecting screws of the metering gate conversion flap must be removed.



Conversion instructions

Separate the vibrator mounting rod at a connection point. If the paving width is reduced, the corresponding vibrating rod pieces can be removed at the same time.



The track of the super smoother must be separated at a connection point and conversion aids must be screwed on if not pre-assembled.



If the machine is equipped with an oscillating beam, this must be undermounted and also separated at a connection point.



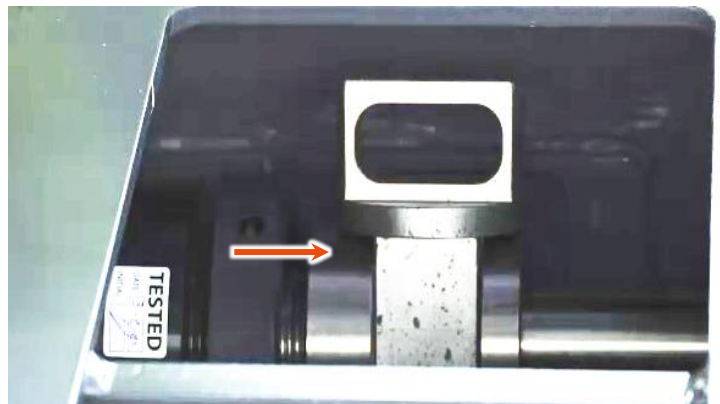
Conversion instructions

When all the preparatory measures have been carried out, work on the TeleMold can begin.

To do this, set the selector lever of the hand pump to the position "Pressure build-up (PUMP)" and increase the pressure via the hand pump. The value can be found on the pump's sticker.



Only now is it possible to release the counter nut from the hydraulic nut.



Note: With a little care and caution, it is possible to push back the pistons of the hydraulic nuts with the aid of the screw jack.

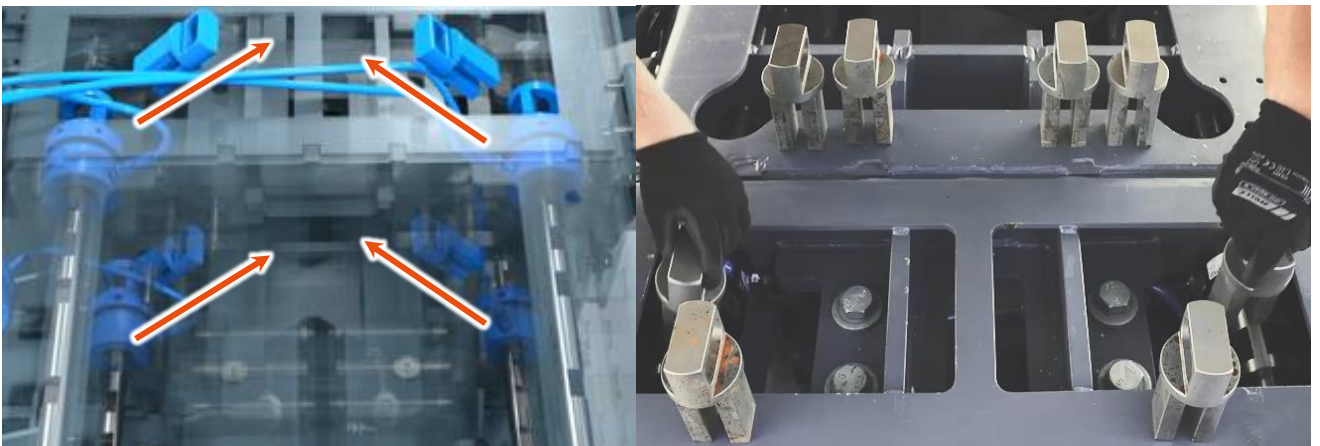
Conversion instructions

After this has been done, the pressure must be released again...

To do this, set the selector lever of the hand pump to the position "Pressure release (RELEASE)" to relieve the pressure in the hydraulic nuts.



...and the pinning forks can thereby be removed.



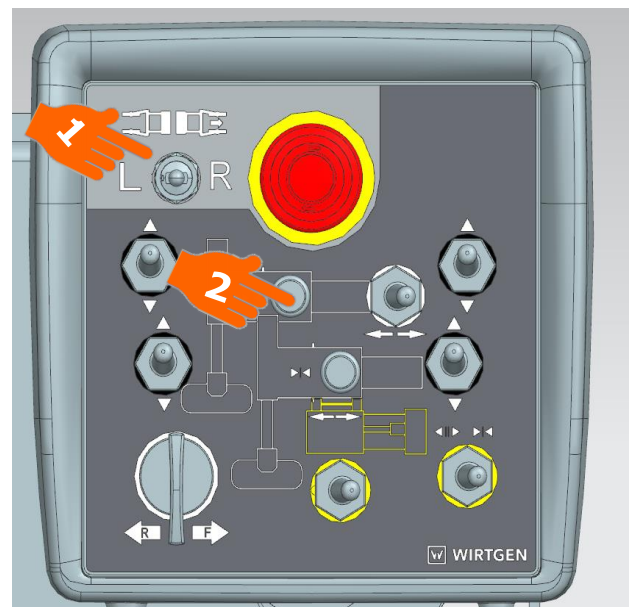
Conversion instructions

Before the functions can be activated, the machine's telescoping system must first be enabled via the key switch on the machine control panel.



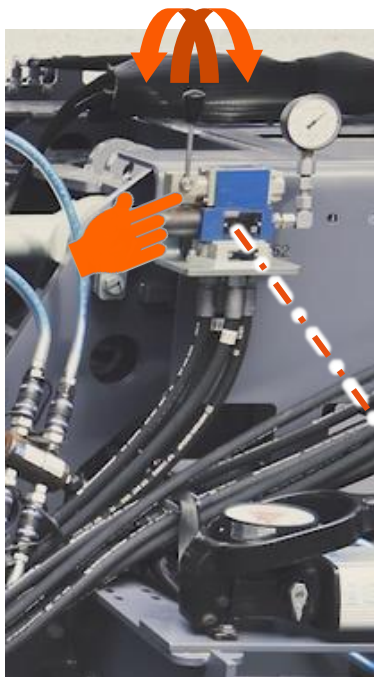
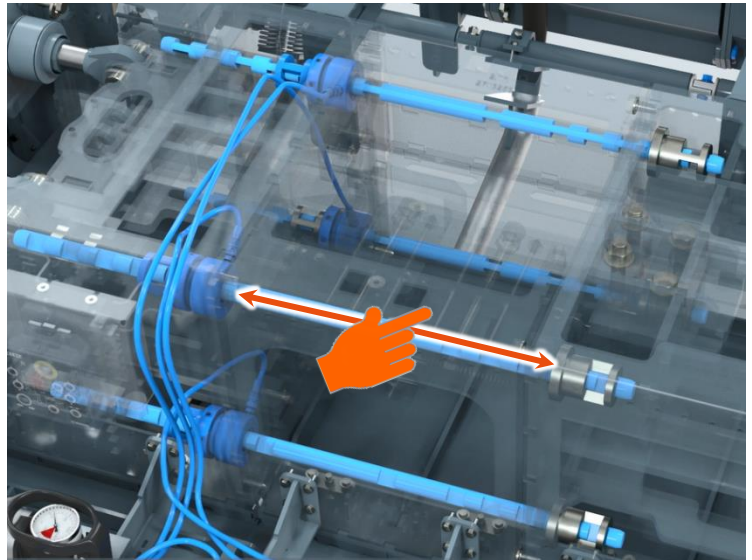
Now select the desired machine side!

Next, the plunger cylinders of the machine's telescoping clamp need to be released. To do this, press the two buttons "Clamp/release machine telescoping system" on the TeleMold control panel.

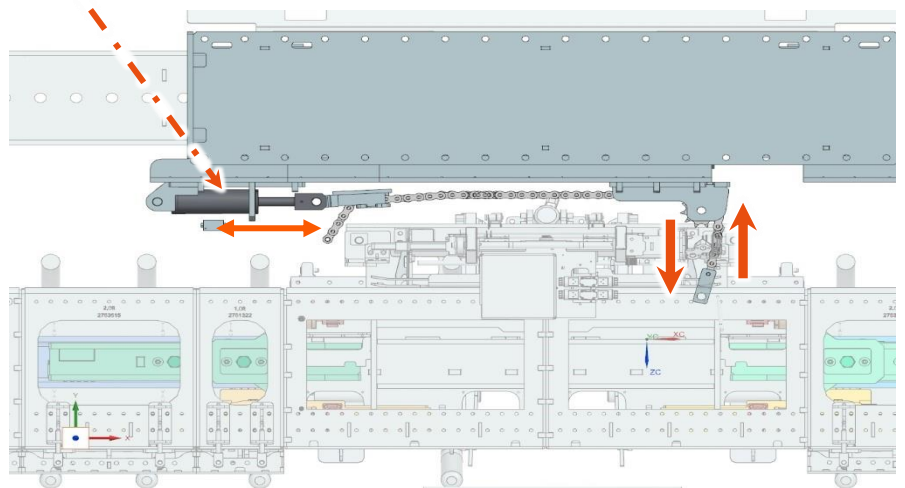


Conversion instructions

Before the mould is extended, make sure that the tie rods are not tensioned and can be moved by hand.



If the tie rods cannot be moved by hand, the mould can be raised or lowered slightly with the middle suspension point, so that the rods are relieved and are moveable.



Conversion instructions

Using the following three switches, the mould can be moved together with the chassis.

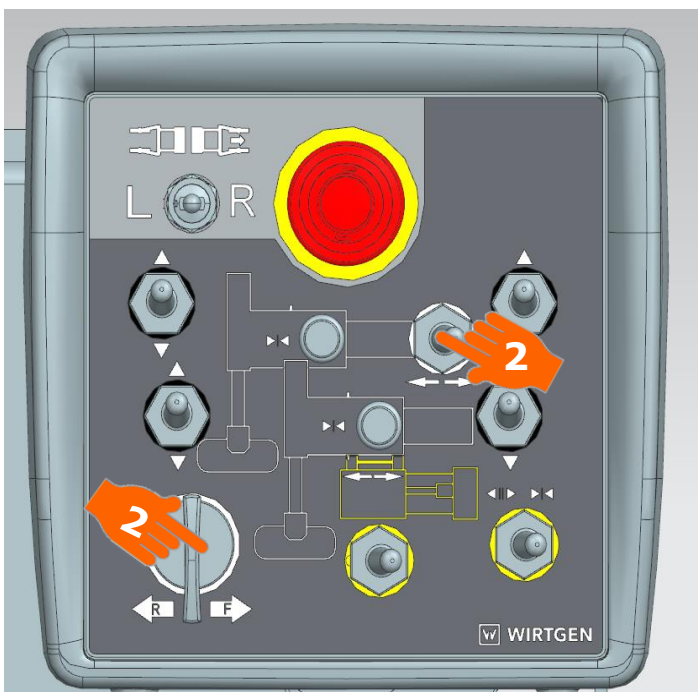
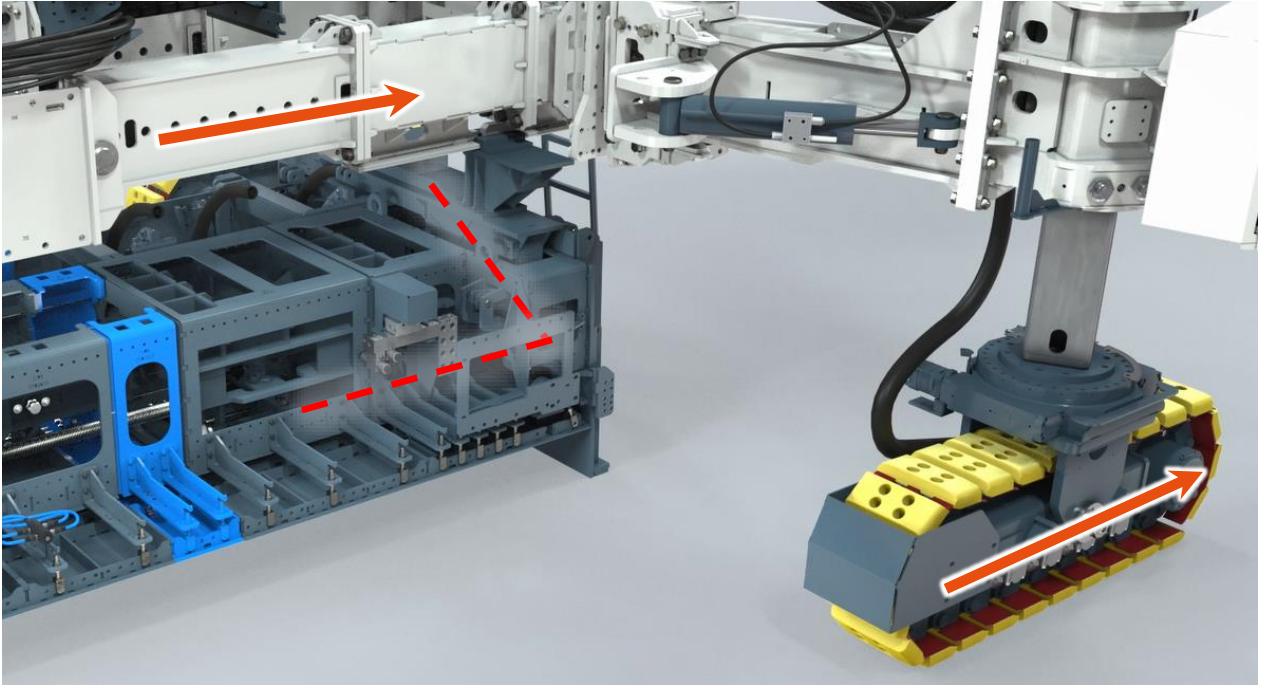
- Screw jacks forwards/back
- Hydraulic machine telescoping system
- Travel drive forwards/reverse



First use the “Screw jack forwards/back” switch to extend the mould a little. Pay close attention to the pivot point of the mould suspension!

Conversion instructions

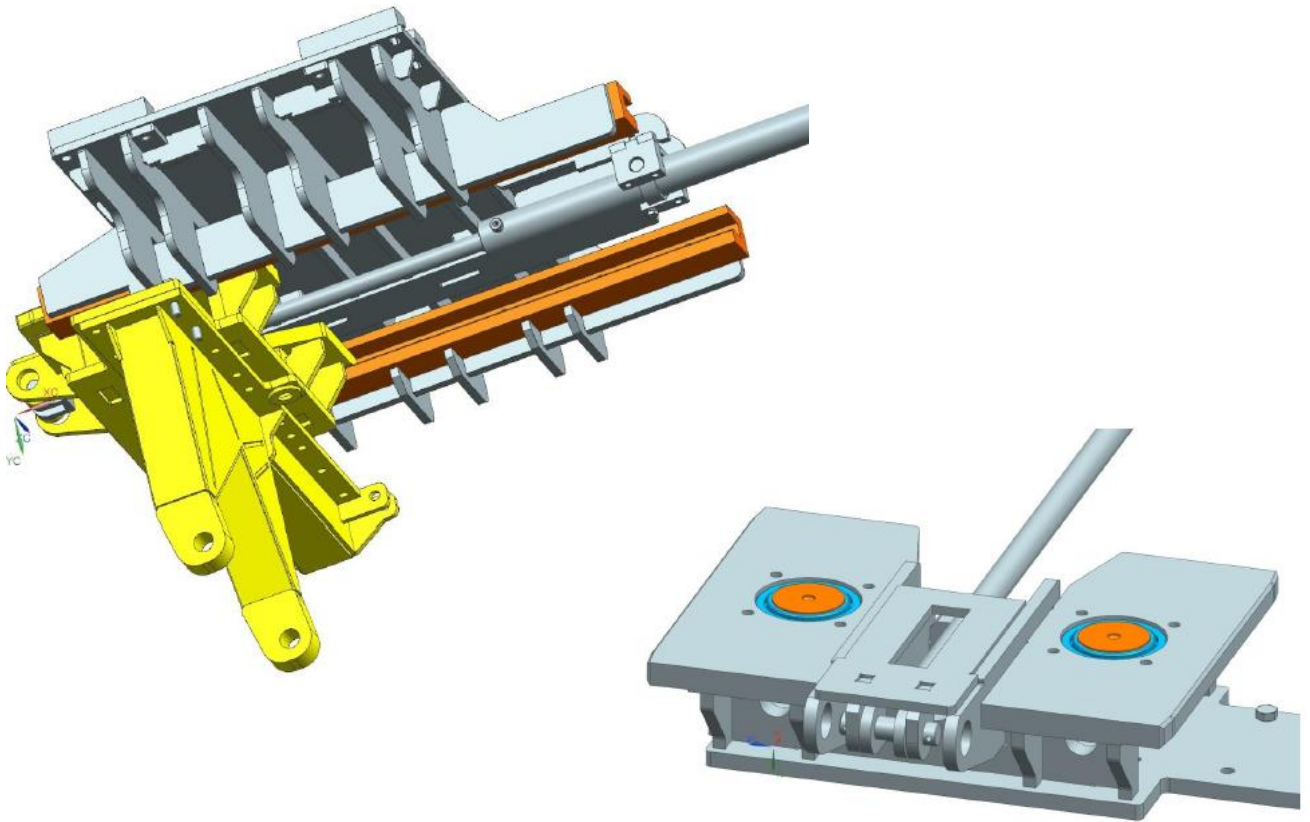
As soon as the mould suspension of a "rigid" mould is slightly inclined **inwards**, the chassis can be readjusted via the travel drive and the hydraulic machine telescoping system.



To do this, hold down the "Travel drive forwards/reverse" switch in the desired direction and slowly adjust the machine telescoping system using the "Hydraulic machine telescoping system" switch bit by bit.

Conversion instructions

If the machine is equipped with the optional, hydraulically slidable mould suspension, the telescoping operation or the desired change in width can be carried out without being assisted by the travel drive.



It is therefore not absolutely necessary to retract the chassis if the operating area is sufficient.

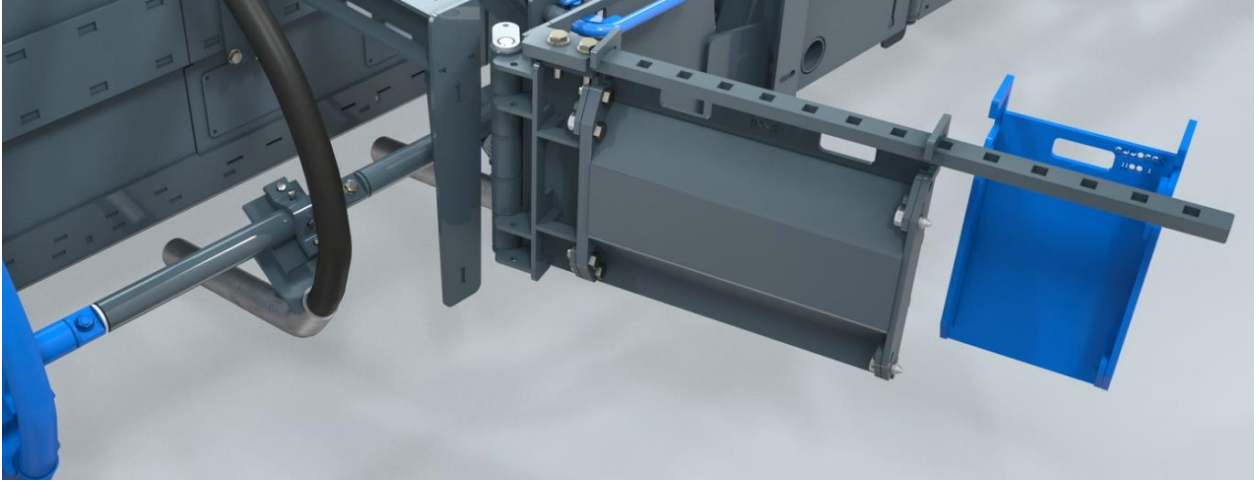
Note:

The hydraulically slidable mould suspension is not part of the TeleMold option.

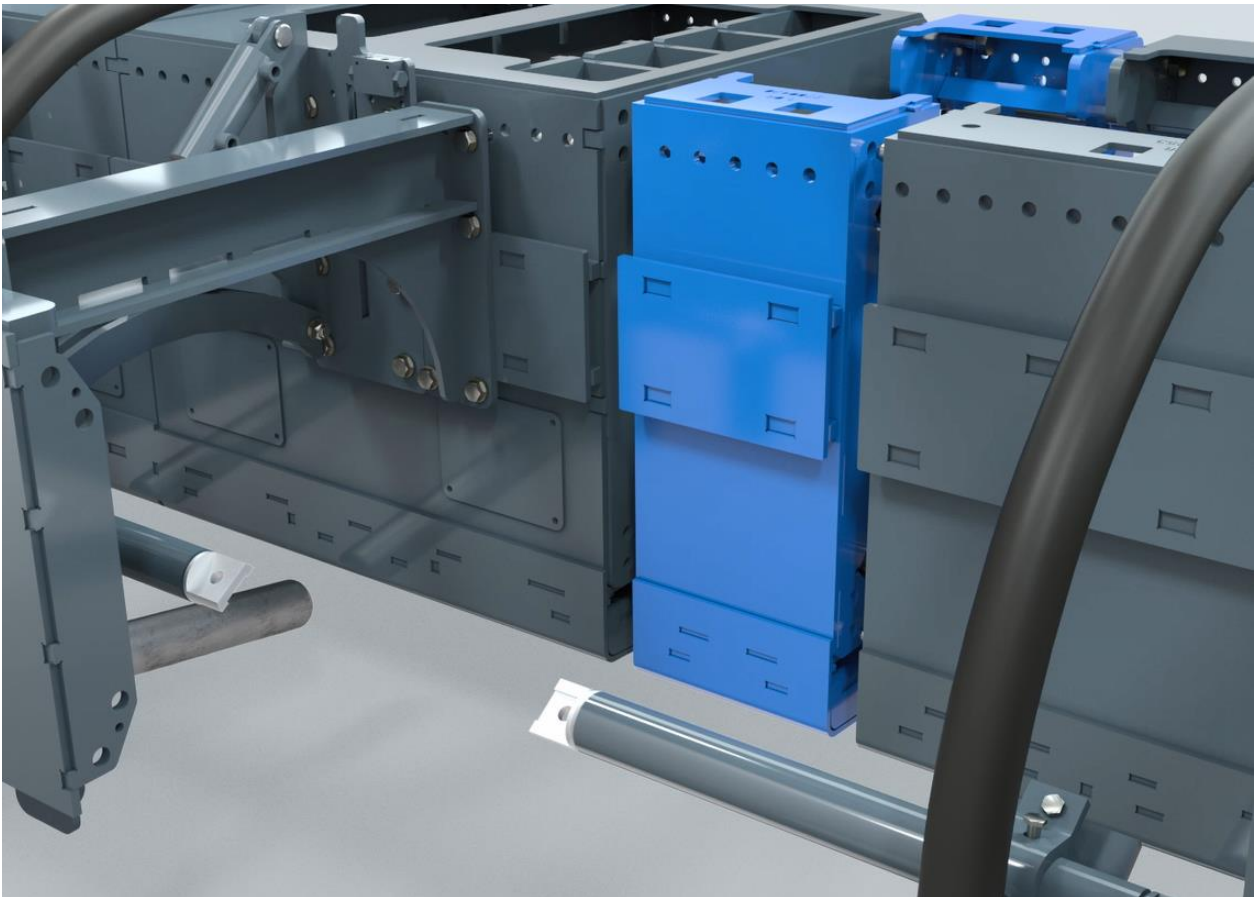
This must be ordered separately as an option and can be used on the TeleMold as well as on “rigid” moulds.

Conversion instructions

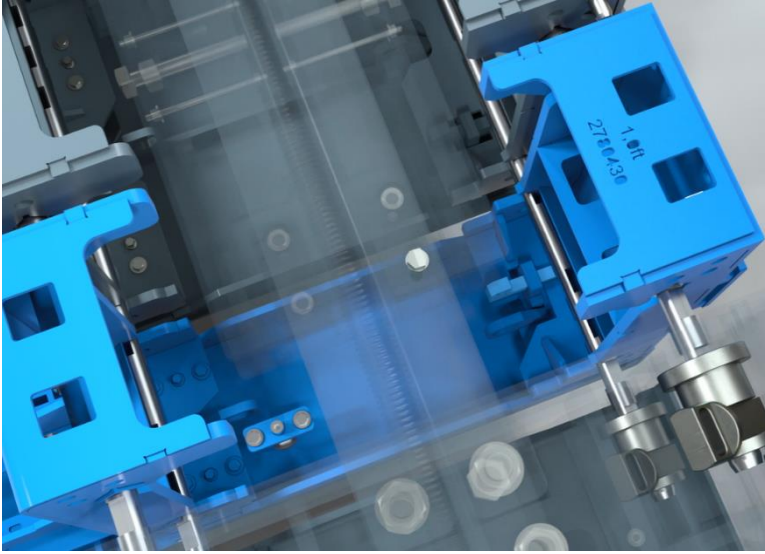
Repeat this process until there is sufficient space to remove or add the extension pieces.



To make it easier to work on the mould, the metering gate flap is now swung open and the extension pieces removed.

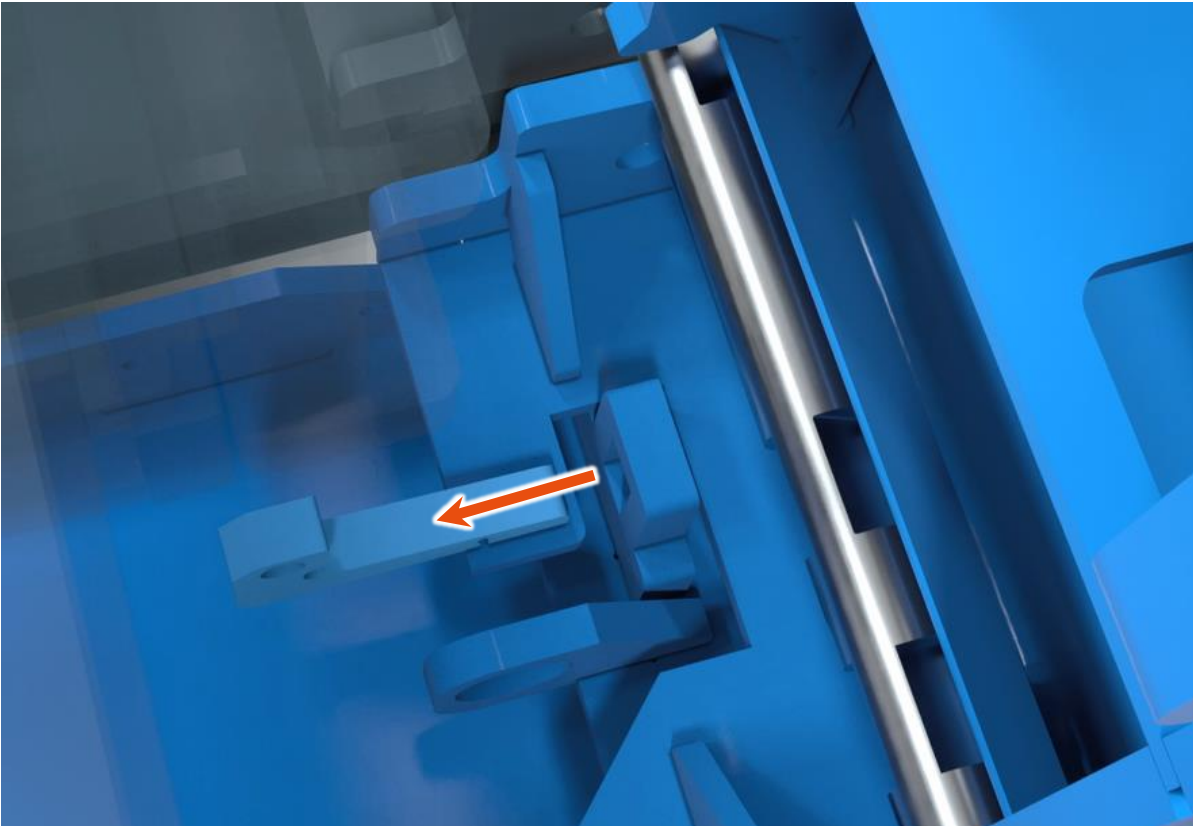


Conversion instructions

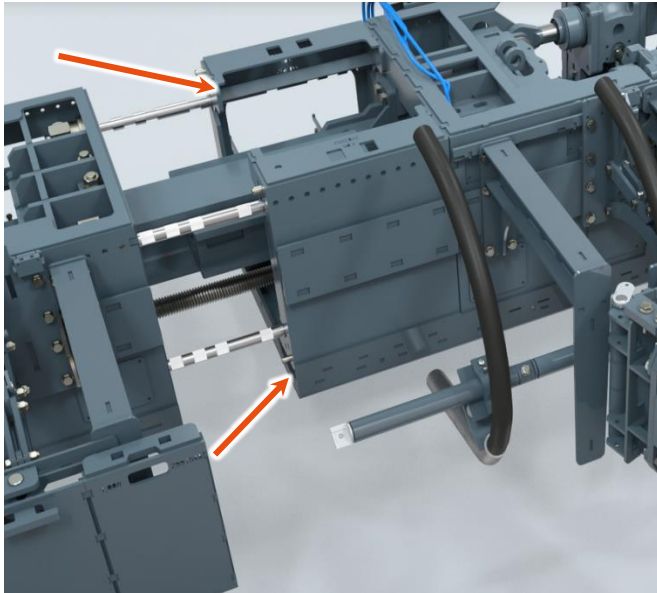


To install or remove the mould pieces, the desired mould piece must be disassembled in two parts.

Pull out the safety cotter pin of the pinning wedge and remove it to divide the mould piece into two parts.

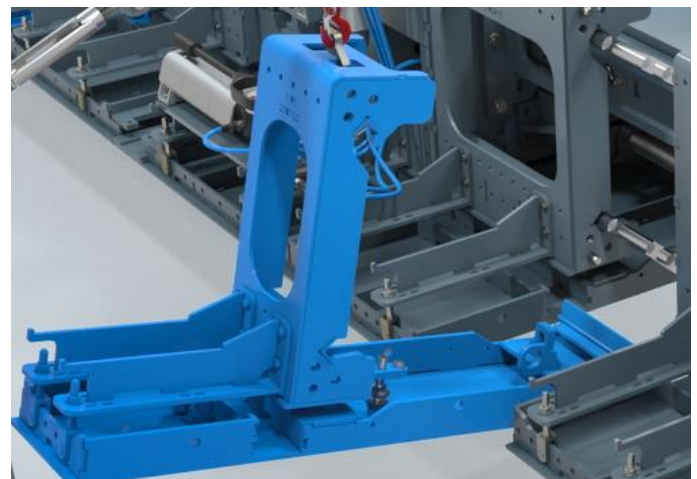
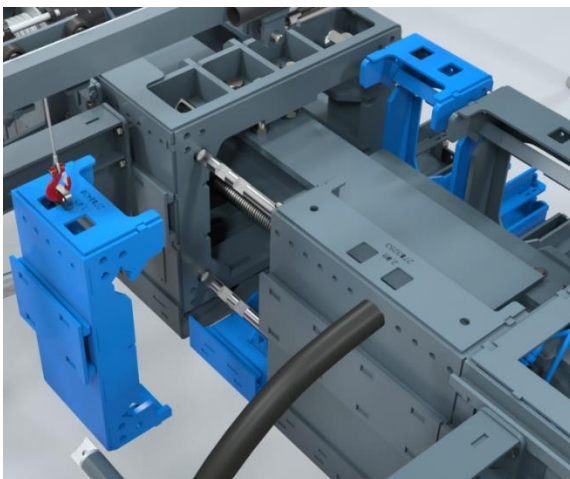


Conversion instructions



Note: Before assembling, make sure that the surfaces of all extension pieces are free of dirt, cleaning them if necessary!

The mould pieces must be hooked into or out of the tie rods at a slight angle when installing or removing them.



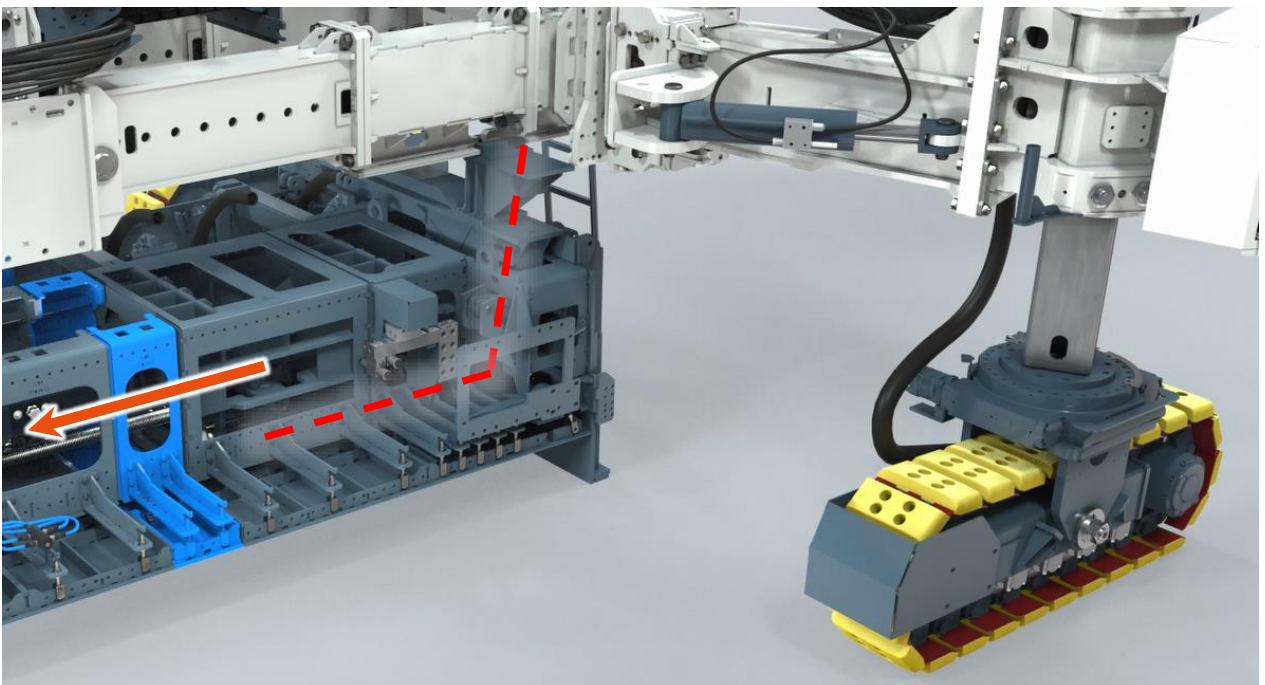
When the desired number of extension pieces for all components has been dismantled or assembled, assembly of the mould may continue.

Conversion instructions



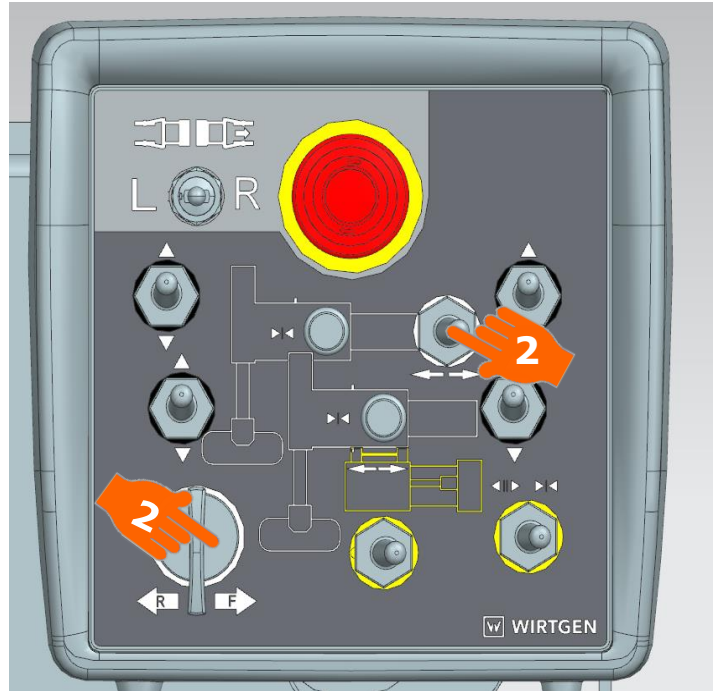
The procedure for retracting the mould is the same as described in the step for extending it. Here, however, the buttons are operated in the opposite direction.

Now pay attention to the reversed tilting direction of the mould suspension.

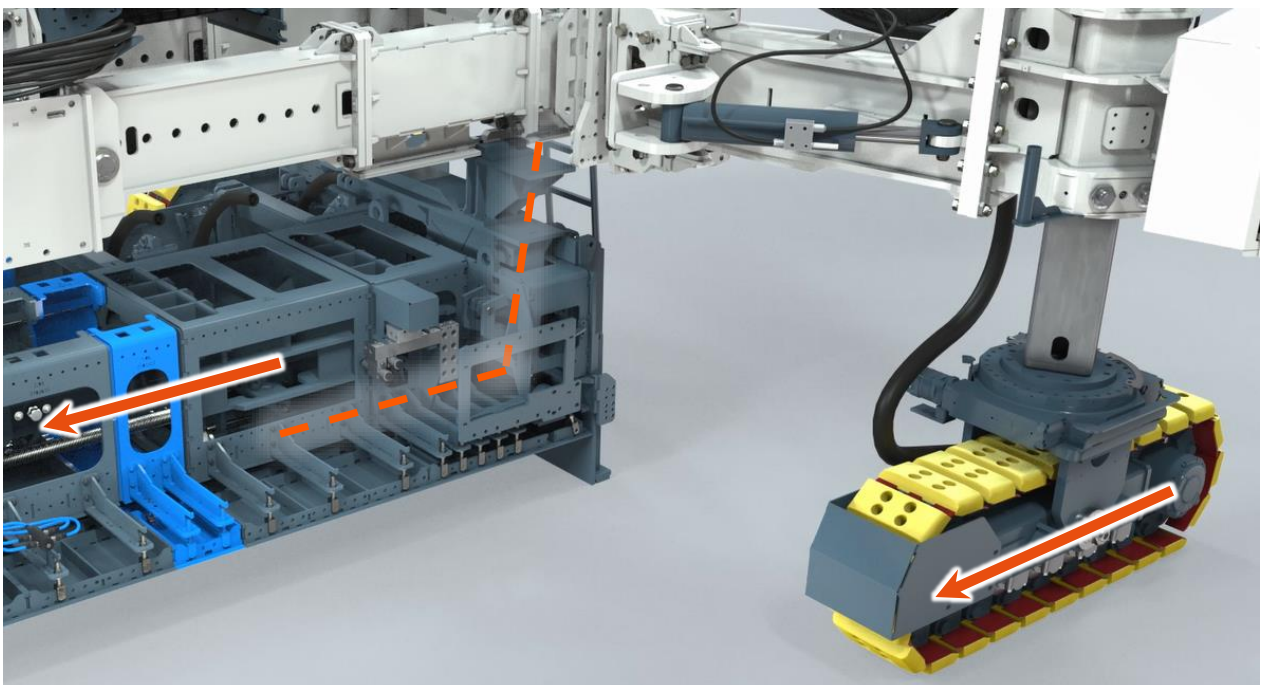


Conversion instructions

As soon as the mould suspension is slightly inclined **outwards**, the chassis can be readjusted via the travel drive and the hydraulic machine telescoping system.

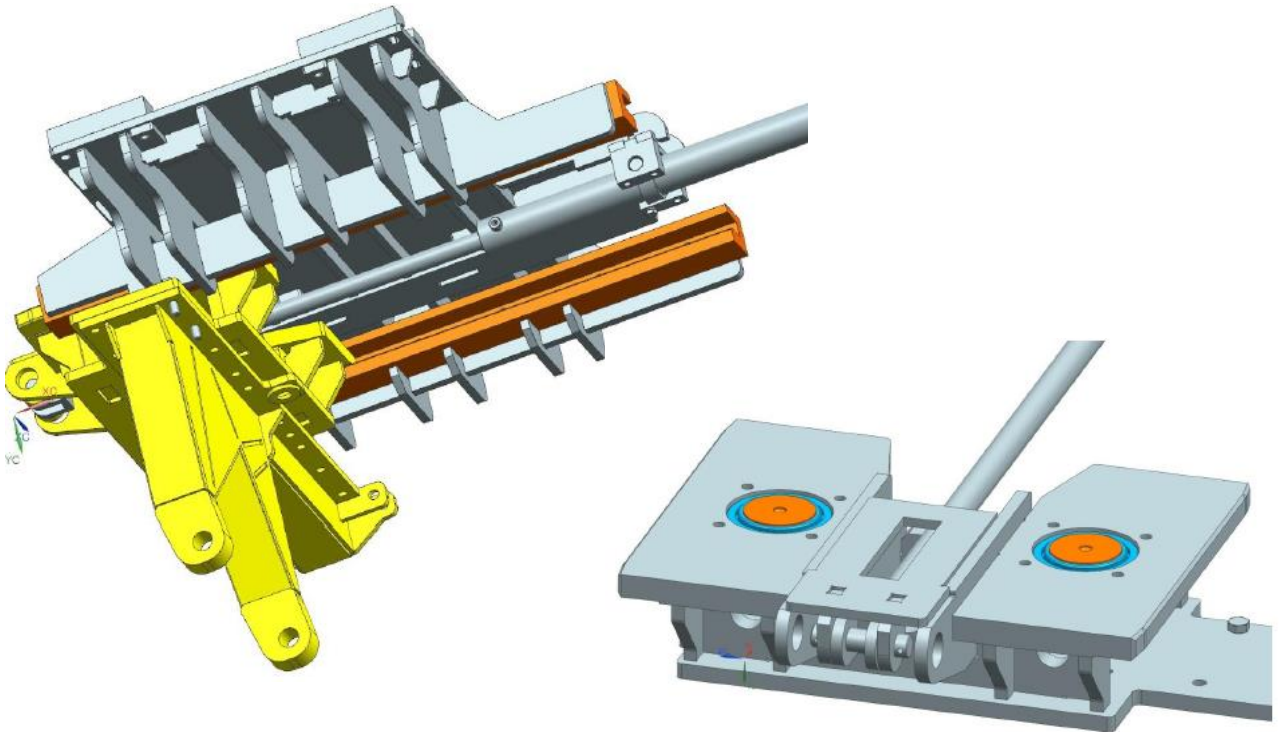


Repeat the process several times in alternation until the mould is completely pushed together and the gaps between the mould pieces are closed.



Conversion instructions

If the machine is equipped with the optional, hydraulically slidable mould suspension, the telescoping operation or the desired change in width can be carried out without being assisted by the travel drive.



It is therefore not absolutely necessary to retract the chassis if the operating area is sufficient.

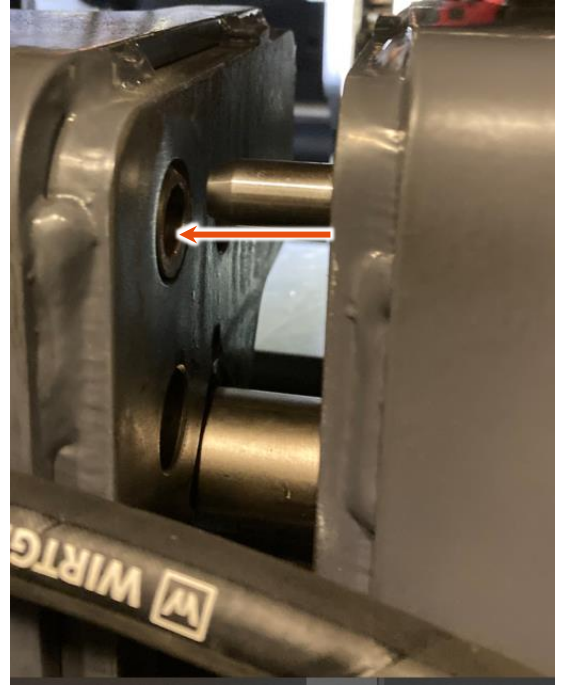
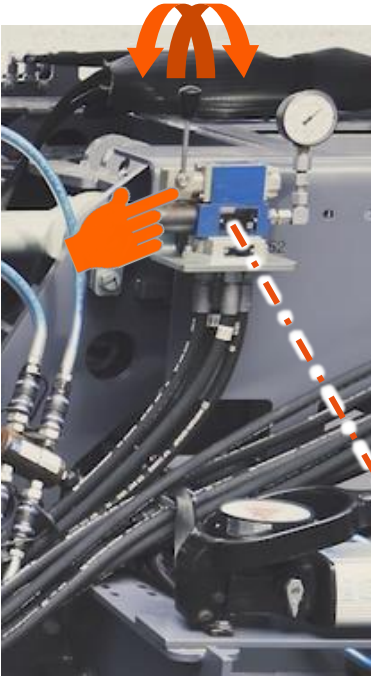
Note:

The hydraulically slidable mould suspension is not part of the TeleMold option.

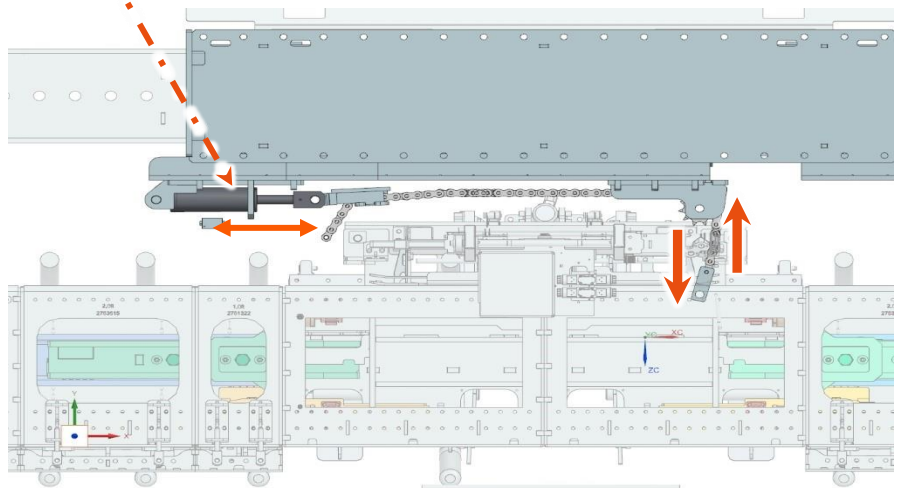
This must be ordered as a separate option and can be used on the TeleMold as well as on "rigid" moulds.

Conversion instructions

When retracting the mould, make sure that the mould pieces are flush with each other and cleanly inserted during the centring process.

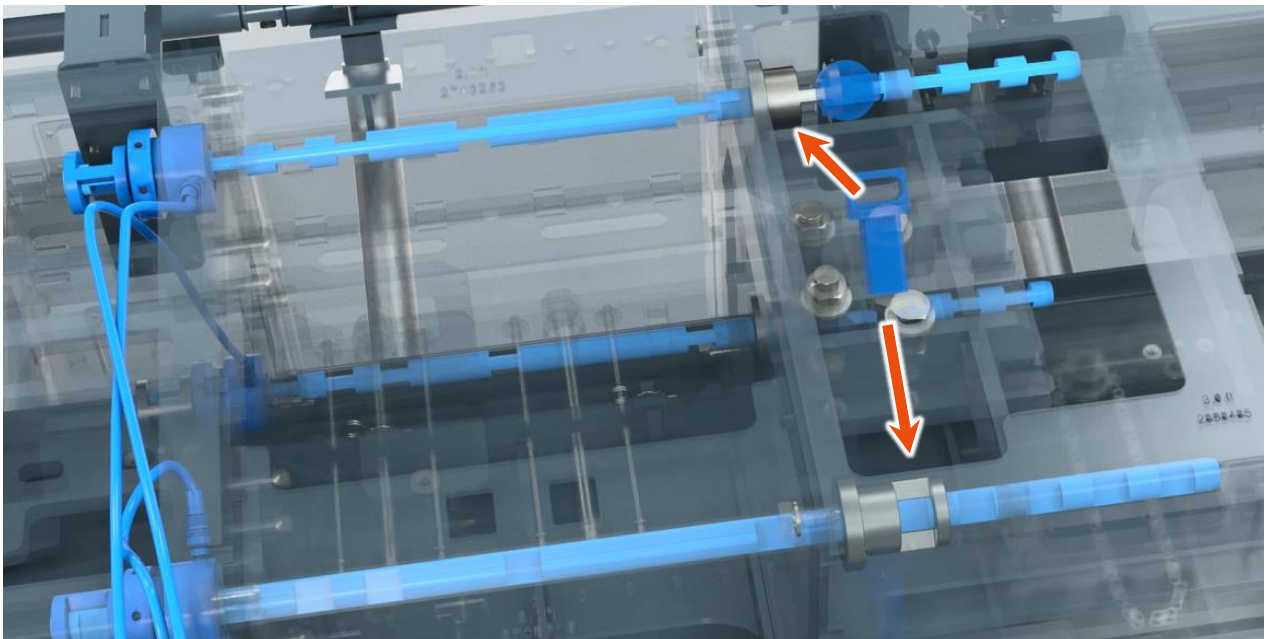
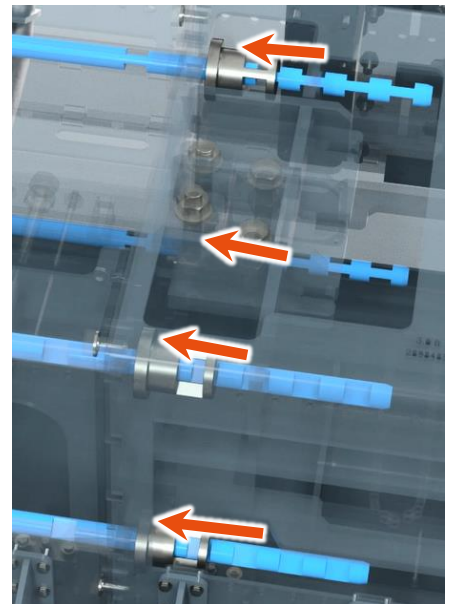
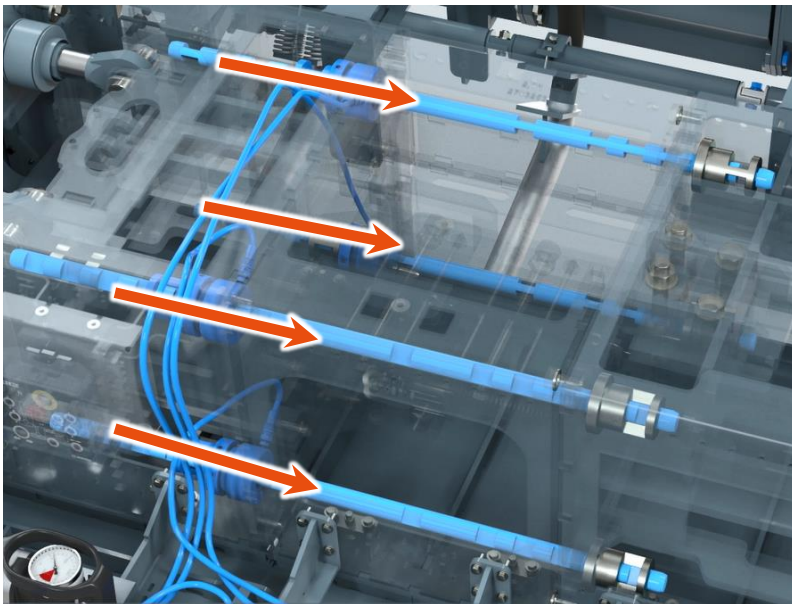


If the mould pieces are not flush with each other following the centring process, the mould can be raised or lowered slightly with the aid of the middle suspension point, as required.



Conversion instructions

Now pull out the tie rods up to the stop of the hydraulic nuts that are still mounted and then push the hydraulic nuts that were previously removed back onto the tie rods. Subsequently, the pinning devices must be pushed back onto the rods and pinned into position by the forks with minimum play.



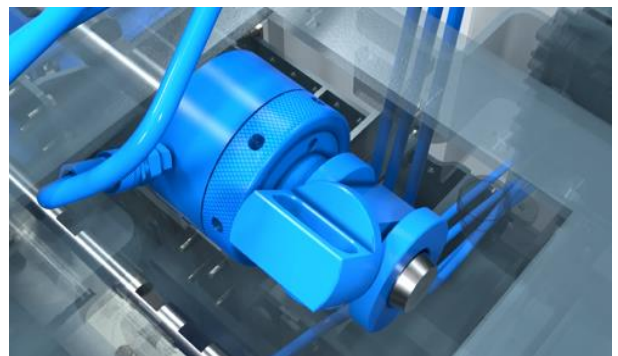
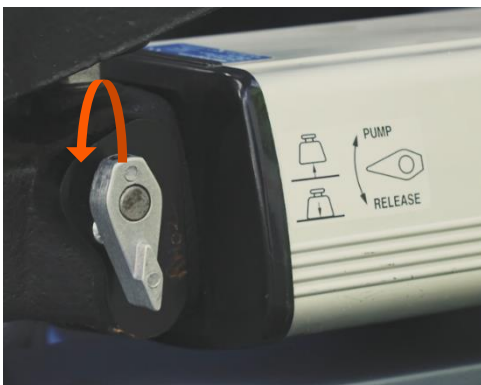
Conversion instructions

After the tie rods and the hydraulic nuts have been brought into the correct position and pinned, the hydraulic nuts must be pressurised again.

To do this, set the selector lever of the hand pump to the position "Pressure build-up (PUMP)" and increase the pressure via the hand pump to apply pressure to the hydraulic nuts. The value can be found on the pump's sticker.



Once the required pressure has been reached, the counter nuts of the hydraulic nuts must be closed again and the pressure released via a hand pump.



Conversion instructions

When all components have been brought to the correct dimensions, they must be fastened back together at their joints. Finally, the machine is brought into operational position and set up for concrete paving.



After the conversion work, it is absolutely essential to check the setting of all wear soles to ensure that they are level and to rectify this if necessary.





Content

| | | |
|-----------|----------------------------------|-----------|
| 1) | Presentation of the components | 3 |
| 2) | Overview of control panel | 11 |
| 3) | Conversion instructions | 13 |
| 4) | Error message/malfunction | 33 |
| 5) | Nice to know | 35 |
| 6) | Cleaning and safety instructions | 39 |

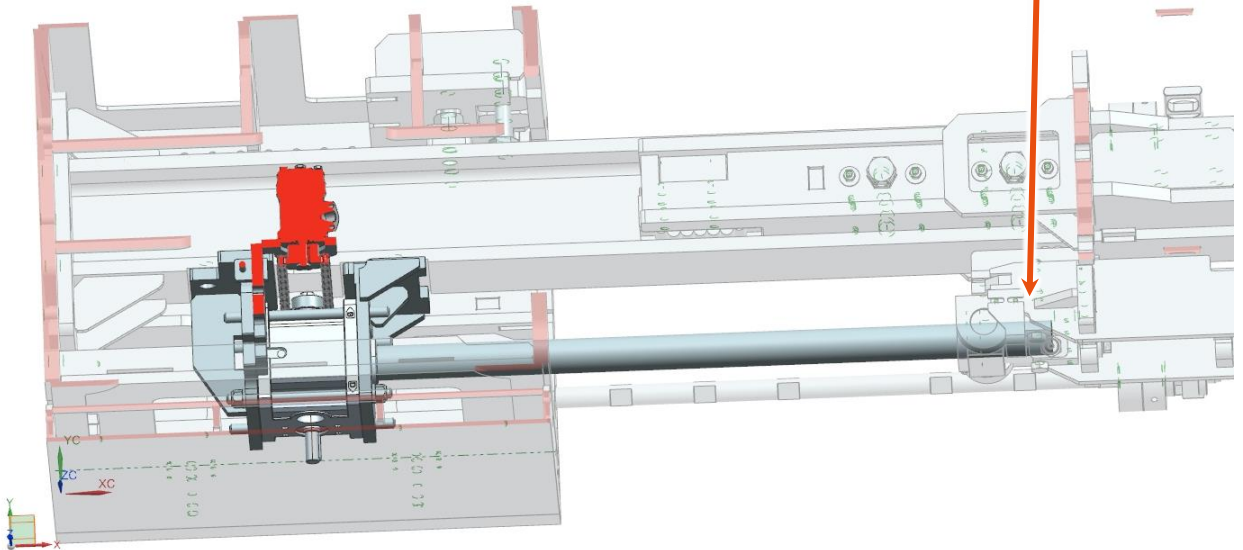
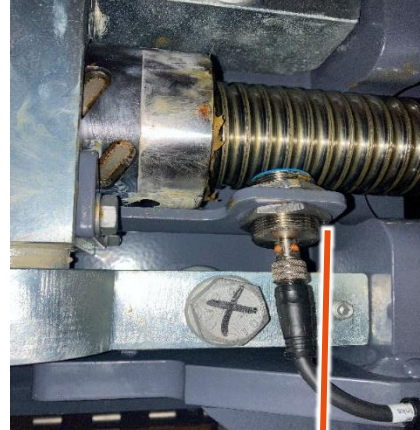
Error message/malfunction

If the position of the spindle is outside the detection range of the sensor, it is no longer possible to move the spindle!

Emergency mode:

Hold down the "Screw jack forwards/back" switch for longer than 10 seconds. The spindle now starts to move slowly in cycles.

Here it must be ensured that the spindle does not fall out of the spindle bearing!





Content

| | | |
|-----------|----------------------------------|-----------|
| 1) | Presentation of the components | 3 |
| 2) | Overview of control panel | 11 |
| 3) | Conversion instructions | 13 |
| 4) | Error message/malfunction | 33 |
| 5) | Nice to know | 35 |
| 6) | Cleaning and safety instructions | 39 |

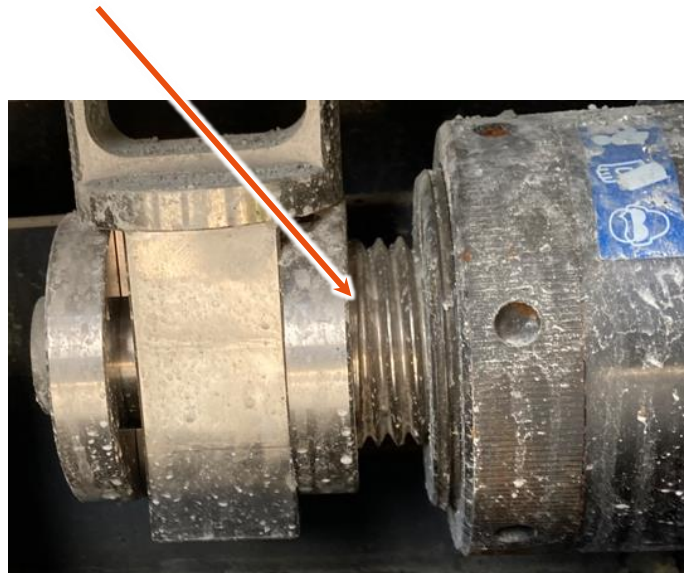
Nice to know

The pistons of the hydraulic nut have a stroke of 15 mm and should be pushed back completely before each retraction of the mould. When the red warning mark becomes visible, the piston is at maximum extension.



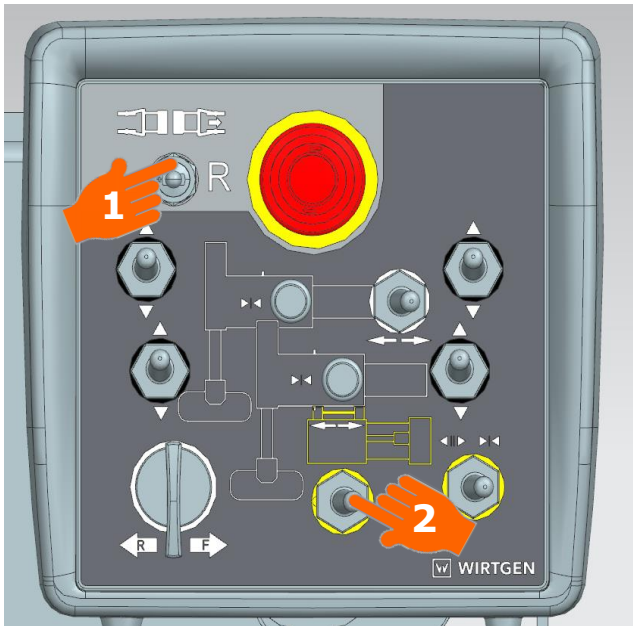
Note: With a little care and caution, it is possible to push back the pistons of the hydraulic nuts with the aid of the screw jack.

Before applying pressure to the hydraulic nuts, the fork play must first be adjusted or reduced. To reduce the play, the pinning device must be rotated further onto the rod.

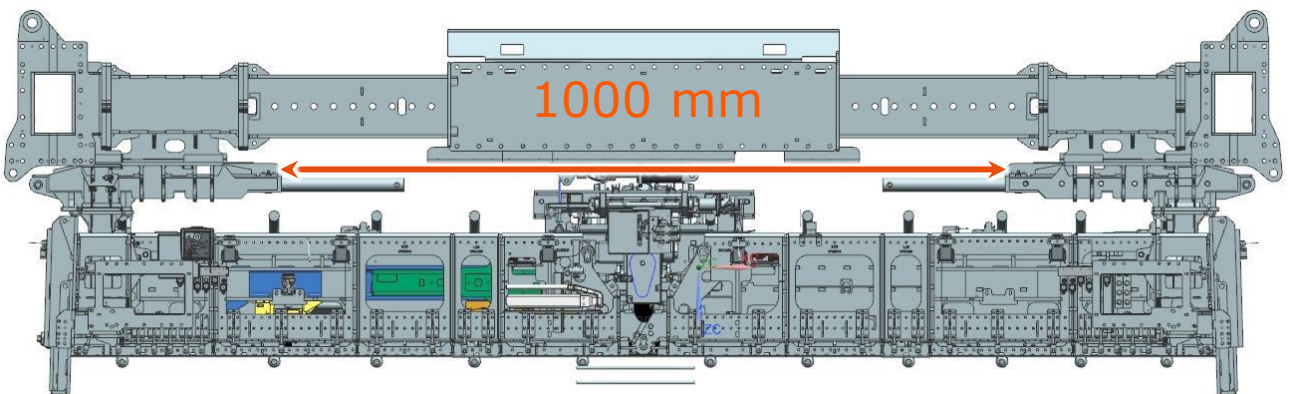


Nice to know

The optional sliding mould suspension allows the complete mould to be moved up to 1000 mm to the left or right.



To slide the entire mould in one direction, the "Select machine side" switch must first be set to **central position**. The mould can then be moved to the desired position using the "Move mould" switch. Here, the hydraulic cylinders must have sufficient stroke.





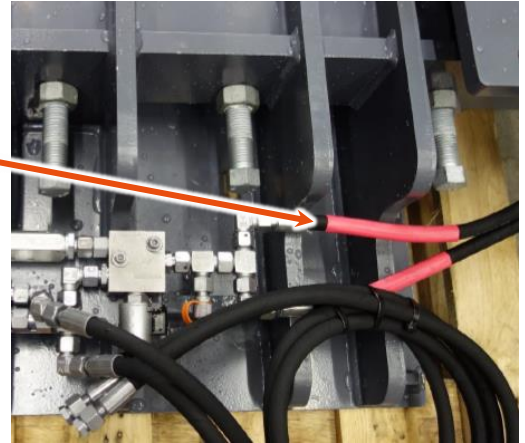
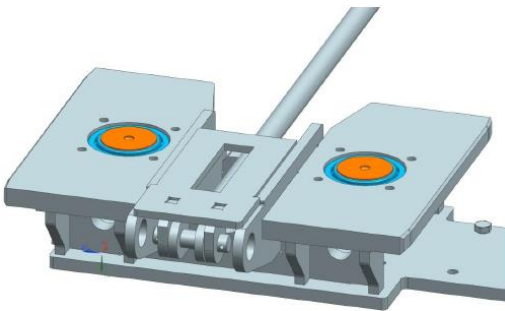
Content

| | | |
|-----------|---|-----------|
| 1) | Presentation of the components | 3 |
| 2) | Overview of control panel | 11 |
| 3) | Conversion instructions | 13 |
| 4) | Error message/malfunction | 33 |
| 5) | Nice to know | 35 |
| 6) | Cleaning and safety instructions | 39 |

Cleaning and safety instructions

Attention: The plunger cylinders of the sliding mould suspension are **permanently** pressurised **with** 120 bar to clamp the mould firmly in position.

The hydraulic hoses of the plunger cylinders are marked **red** !



It is recommended to reinstall the cover **firmly on the mould after each conversion** order to avoid possible contamination of the screw jack and to increase the service life of the system!



This training document does not replace any technical documentation (instruction manual, safety manual, and spare parts catalogue). It is for information purposes only and is not subject to our technical change service. We reserve the right to make technical changes and product modifications. All technical instructions relating to explanations, operation, maintenance and service, etc. are taken from the instruction manual, the safety manual, and/or the spare parts catalogue.

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Reinhard-Wirtgen-Str. 2
53578 Windhagen, Germany
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Short instruction_TeleMold



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