

Work roll changing device

**Maintenance****7 Maintenance**

Target groups O, E, M, C



Definition of the target groups:

- Operating Instructions *General*,  
Chapter *Introduction/target groups*.



Observe the following information:

- Operating Instructions *General*,  
Chapter *Safety*,  
Chapter *Maintenance*,
- *Subsuppliers'* Operating Instructions,
- *Electrical Equipment* Operating Instructions.

**7.1 Maintenance schedule**

Area	Inspection	Action	OC	TI
<b>Undercarriage</b>				
Limit switches and pulse transmitters	▪ Reaching of end positions	▪ Repair	N	W
Keeper system	▪ Function	▪ Repair, replace	N	W
Track wheels: Surface and bearing assembly	▪ Fastening	▪ Repair, replace	R	6M
	▪ Condition	▪ Repair, replace	R	6M
	▪ Sealing	▪ Re-tighten, repair, re-seal	R	6M
	▪ Wear	▪ Repair, replace	R	Y
Gear wheels	▪ Wear	▪ Repair, replace	R	Y
Inching drive	▪ Function	▪ Repair, replace	N	W
	▪ Fastening	▪ Repair, replace	R	6M

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Area	Inspection	Action	OC	TI
	▪ Sealing	▪ Re-tighten, repair, re-seal	R	W
	▪ Wear	▪ Repair, replace	R	Y
Guides	▪ Condition	▪ Repair, replace	R	W
	▪ Wear	▪ Repair, replace	R	Y
<b>Side shifter drive</b>				
Universal joint shafts	▪ Function	▪ Repair, replace	N	W
	▪ Condition	▪ Repair, replace	R	6M
	▪ Wear	▪ Repair, replace	R	Y
Bearing assembly	▪ Wear	▪ Repair, replace	R	Y
Travel drive	▪ Function	▪ Repair, replace	N	W
	▪ Fastening	▪ Repair, replace	R	6M
	▪ Sealing	▪ Re-tighten, repair, re-seal	R	W
	▪ Wear	▪ Repair, replace	R	Y
Limit switches and pulse transmitters	▪ Function	▪ Adjust	R	*1)
Track rollers:	▪ Fastening	▪ Repair, replace	R	6M
Surface and bearing assembly	▪ Condition	▪ Repair, replace	R	6M
	▪ Sealing	▪ Re-tighten, repair, re-seal	R	6M
	▪ Wear	▪ Repair, replace	R	Y
Guide rollers:	▪ Fastening	▪ Repair, replace	R	6M
Surface and bearing assembly	▪ Condition	▪ Repair, replace	R	6M
	▪ Wear	▪ Repair, replace	R	Y
Guides	▪ Condition	▪ Repair, replace	R	W

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**Maintenance**

Area	Inspection	Action	OC	TI
	▪ Alignment	▪ Repair, adjust	R	W
	▪ Wear	▪ Repair, replace	R	Y
Gear rack	▪ Wear	▪ Repair, replace	R	Y
Guide rollers, position	▪ Function	▪ Adjust	R	*1)
Limit switches, limit positions	▪ Function	▪ Adjust	R	*1)
<b>Tong car</b>				
Pulse generators	▪ Reaching of end positions	▪ Repair	N	W
Track wheels: Surface and bearing assem- bly	▪ Fastening	▪ Repair, replace	R	6M
	▪ Condition	▪ Repair, replace	R	6M
	▪ Sealing	▪ Re-tighten, repair, re-seal	R	6M
	▪ Wear	▪ Repair, replace	R	Y
Gear wheels	▪ Wear	▪ Repair, replace	R	Y
Inching drive	▪ Function	▪ Repair, replace	N	W
	▪ Fastening	▪ Repair, replace	R	6M
	▪ Sealing	▪ Re-tighten, repair, re-seal	R	W
	▪ Wear	▪ Repair, replace	R	Y
Tong heads	▪ Function	▪ Repair, replace	N	W
	▪ Fastening	▪ Repair, replace	R	6M
	▪ Condition	▪ Repair, replace	R	6M
	▪ Wear	▪ Repair, replace	R	Y
Drive	▪ Function	▪ Repair, replace	N	W
	▪ Fastening	▪ Repair, replace	R	6M
	▪ Sealing	▪ Re-tighten, repair, re-seal	R	W
		▪ Repair, replace		

# Maintenance

Area	Inspection	Action	OC	TI
	▪ Wear		R	Y
Limit switches, limit positions	▪ Function	▪ Adjust	R	*1)
Spring force, buffer	▪ Function	▪ Adjust	R	*1)
Tongs, limit posi- tions	▪ Function	▪ Adjust	R	*1)
Track wheels: Clearance in track rails	▪ Function	▪ Adjust	R	*1)

## Operating condition (OC)

**N** Normal operation (production)  
**R** Repair

## Time interval (TI)

**\*\*W** every week  
**\*\*M** every month  
**\*\*Y** every year  
 \*\*) Intervals combined with numbers denote e.g.:  
 3M= every three months  
 \*1) = if required

## NOTICE

In the first three months after commissioning, the pipework must be inspected every two weeks. This allows leaks to be detected at an early stage.

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**Maintenance**

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**7.2 Lubrication instructions**

For supplementary information on lubrication refer to:

- Operating Instructions *General*  
Chapter *Maintenance/operating materials and auxiliaries* and  
Chapter *Maintenance/lubricants and specifications*,
- *Subsuppliers'* Operating Instructions.

Designation	Material number
Changing car - lubrication chart	14396981
	14396963