

## Maintenance Report Ziehm Solo models

Location: \_\_\_\_\_

System type: \_\_\_\_\_

Serial number: \_\_\_\_\_

Global \_\_\_\_\_

Softwareversion: \_\_\_\_\_

### 5.) General tasks

OK

N/A

	OK	N/A
<b>5.1) Check for completeness</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>5.2) 2D constancy test</b>	<input type="checkbox"/>	<input type="checkbox"/>

### 6.) Mechanical tasks

	OK	N/A
<b>6.1) External damage</b>	OK	N/A
External damages	<input type="checkbox"/>	<input type="checkbox"/>
Check swivel harness	<input type="checkbox"/>	<input type="checkbox"/>
Touch up small paint damage	<input type="checkbox"/>	<input type="checkbox"/>
<b>6.2) Transport crates*</b>	OK	N/A
Mechanical damage	<input type="checkbox"/>	<input type="checkbox"/>
Check locks	<input type="checkbox"/>	<input type="checkbox"/>
Check internal packaging	<input type="checkbox"/>	<input type="checkbox"/>
Check retention straps	<input type="checkbox"/>	<input type="checkbox"/>
Check runners	<input type="checkbox"/>	<input type="checkbox"/>
<b>6.3) Check shaft cotter pin*</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>6.4) Power and connecting cables</b>	<input type="checkbox"/>	<input type="checkbox"/>
Check connectors of the power and connecting cables	<input type="checkbox"/>	<input type="checkbox"/>
Check the inserts of the connectors	<input type="checkbox"/>	<input type="checkbox"/>
Clean inserts of the connectors	<input type="checkbox"/>	<input type="checkbox"/>
Check the power and connecting cables	<input type="checkbox"/>	<input type="checkbox"/>
<b>6.5) Connectors</b>	OK	N/A
Check and clean connectors and sockets	<input type="checkbox"/>	<input type="checkbox"/>
Check the inserts of the connectors and sockets	<input type="checkbox"/>	<input type="checkbox"/>
Check and clean the connectors at the mobile stand support*	<input type="checkbox"/>	<input type="checkbox"/>
Check and clean the connectors at the mobile stand*	<input type="checkbox"/>	<input type="checkbox"/>
Check and clean the connectors at the signal distribution box*	<input type="checkbox"/>	<input type="checkbox"/>
Check and clean the connectors at the connection terminal	<input type="checkbox"/>	<input type="checkbox"/>
<b>6.6) Joints*</b>	OK	N/A
Check and clean the joints	<input type="checkbox"/>	<input type="checkbox"/>
Check the seal	<input type="checkbox"/>	<input type="checkbox"/>
Check parallelism of the joints	<input type="checkbox"/>	<input type="checkbox"/>
Check the detent pins	<input type="checkbox"/>	<input type="checkbox"/>
<b>6.7) User Interface carrier*</b>	OK	N/A
Check parallelism of the joints	<input type="checkbox"/>	<input type="checkbox"/>
Check pin fit clearance	<input type="checkbox"/>	<input type="checkbox"/>
Check for proper functioning and mobility	<input type="checkbox"/>	<input type="checkbox"/>
Check screws	<input type="checkbox"/>	<input type="checkbox"/>
Check functionality of the detent pins	<input type="checkbox"/>	<input type="checkbox"/>
<b>6.8) Check warning und information labels</b>	<input type="checkbox"/>	<input type="checkbox"/>

\* if available / if accomplishable

## Maintenance Report Ziehm Solo models

<b>6.9) Wheels</b>	OK	N/A
Check wheels support fit	<input type="checkbox"/>	<input type="checkbox"/>
Clean running surface of the brake and steering wheels	<input type="checkbox"/>	<input type="checkbox"/>
Clean running surface of the front wheels	<input type="checkbox"/>	<input type="checkbox"/>
Check the brake and steering wheels for running noise, clearance and easy movement	<input type="checkbox"/>	<input type="checkbox"/>
Check the front wheels for running noise, clearance and easy movement	<input type="checkbox"/>	<input type="checkbox"/>
Clean between the wheel supports and thread guard	<input type="checkbox"/>	<input type="checkbox"/>
Check ground clearance of the cable deflectors	<input type="checkbox"/>	<input type="checkbox"/>
Check steering and braking function	<input type="checkbox"/>	<input type="checkbox"/>
Check the brake	<input type="checkbox"/>	<input type="checkbox"/>
Check the brake and steering lever	<input type="checkbox"/>	<input type="checkbox"/>
Check mounting and thread screws	<input type="checkbox"/>	<input type="checkbox"/>
Check the accessory jockey wheel*	<input type="checkbox"/>	<input type="checkbox"/>
<b>6.10) Generator</b>	OK	N/A
Check the housing	<input type="checkbox"/>	<input type="checkbox"/>
Check proper mounting	<input type="checkbox"/>	<input type="checkbox"/>
Check the screws of the generator housing	<input type="checkbox"/>	<input type="checkbox"/>
Check impermeability	<input type="checkbox"/>	<input type="checkbox"/>
Check silicone sealing	<input type="checkbox"/>	<input type="checkbox"/>
<b>6.11) Image Intensifier*</b>	OK	N/A
Check the housing	<input type="checkbox"/>	<input type="checkbox"/>
Check proper mounting	<input type="checkbox"/>	<input type="checkbox"/>
Check the screws of the image intensifier housing	<input type="checkbox"/>	<input type="checkbox"/>
Check handles	<input type="checkbox"/>	<input type="checkbox"/>
<b>6.12) Flat detector*</b>	OK	N/A
Check the housing	<input type="checkbox"/>	<input type="checkbox"/>
Check proper mounting	<input type="checkbox"/>	<input type="checkbox"/>
Check the screws of the flat detector housing	<input type="checkbox"/>	<input type="checkbox"/>
Check sealing strip	<input type="checkbox"/>	<input type="checkbox"/>
Check handles	<input type="checkbox"/>	<input type="checkbox"/>
<b>6.13) Orbital rotation (C-axis)</b>	OK	N/A
Clean the running surface	<input type="checkbox"/>	<input type="checkbox"/>
Check the bearings for running noise	<input type="checkbox"/>	<input type="checkbox"/>
Check the sliding brake	<input type="checkbox"/>	<input type="checkbox"/>
Check brake for orbital movement	<input type="checkbox"/>	<input type="checkbox"/>
Check handles and bow handles	<input type="checkbox"/>	<input type="checkbox"/>
<b>6.14) Angulation rotation (A-axis)</b>	OK	N/A
Check the bearings for running noise	<input type="checkbox"/>	<input type="checkbox"/>
<b>6.15) Longitudinal movement (Y-axis)</b>	OK	N/A
Check the bearings for running noise	<input type="checkbox"/>	<input type="checkbox"/>
<b>6.16) Motorized vertical movement (Z-axis)</b>	OK	N/A
Check the push buttons	<input type="checkbox"/>	<input type="checkbox"/>
Check the limit switches	<input type="checkbox"/>	<input type="checkbox"/>
Clean the lift pipe	<input type="checkbox"/>	<input type="checkbox"/>
Check the illumination	<input type="checkbox"/>	<input type="checkbox"/>

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## Maintenance Report Ziehm Solo models

<b>6.17) Lifting spindle</b>	OK	N/A
Check the bearings for running noise	<input type="checkbox"/>	<input type="checkbox"/>
Clean and lubricate the lifting spindle	<input type="checkbox"/>	<input type="checkbox"/>
<b>6.18) Brake handles</b>	OK	N/A
Clean the brake handles	<input type="checkbox"/>	<input type="checkbox"/>
Clean threads of the braking handles	<input type="checkbox"/>	<input type="checkbox"/>
<b>6.19) Clean Cooling fan fleece</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>6.20) Check cooling fan</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>6.21) Solo Center</b>	OK	N/A
Check the touch foil	<input type="checkbox"/>	<input type="checkbox"/>
Check mechanical tilting and rotation	<input type="checkbox"/>	<input type="checkbox"/>
Check EMERGENCY-STOP button for physical damage*	<input type="checkbox"/>	<input type="checkbox"/>
Check radiation button for physical damage*	<input type="checkbox"/>	<input type="checkbox"/>

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## Maintenance Report Ziehm Solo models

<b>7.) Electrical tasks</b>	OK	N/A
<b>7.1) Electrical safety test</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>7.2) ON / OFF switches</b>	OK	N/A
Check function	<input type="checkbox"/>	<input type="checkbox"/>
Check illumination	<input type="checkbox"/>	<input type="checkbox"/>
<b>7.3) Check EMERGENCY STOP buttons</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>7.4) Hand switch</b>	OK	N/A
Check switch and cable for damage	<input type="checkbox"/>	<input type="checkbox"/>
Check switch and cable for function	<input type="checkbox"/>	<input type="checkbox"/>
<b>7.5) Multifunctional footswitch</b>	OK	N/A
Check switch and cable for damage	<input type="checkbox"/>	<input type="checkbox"/>
Check switch and cable for function	<input type="checkbox"/>	<input type="checkbox"/>
<b>7.6) Radiation button Solo Center / Extension arm</b>	OK	N/A
Check the radiation button for function	<input type="checkbox"/>	<input type="checkbox"/>
<b>7.7) Check CAN-BUS</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>7.8) Solo Center</b>	OK	N/A
Check error messages	<input type="checkbox"/>	<input type="checkbox"/>
Check global software version	<input type="checkbox"/>	<input type="checkbox"/>
Check function	<input type="checkbox"/>	<input type="checkbox"/>
Check acknowledge signal	<input type="checkbox"/>	<input type="checkbox"/>
<b>7.9) Virtual collimator</b>	OK	N/A
Check function	<input type="checkbox"/>	<input type="checkbox"/>
Check match of virtual collimator with actual collimator	<input type="checkbox"/>	<input type="checkbox"/>
<b>7.10) Automatic exposure control</b>	OK	N/A
Check acoustic signal	<input type="checkbox"/>	<input type="checkbox"/>
Check automatic exposure control	<input type="checkbox"/>	<input type="checkbox"/>
<b>7.11) Check laser positioning device in the image intensifier or flat panel housing*</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>7.12) Check laser positioning device in the generator housing*</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>7.13) Check monitor settings</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>7.14) Gain / Offset calibration</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>7.15) Image export</b>	OK	N/A
DVD*	<input type="checkbox"/>	<input type="checkbox"/>
USB	<input type="checkbox"/>	<input type="checkbox"/>

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## Maintenance Report Ziehm Solo models

### 8.) Optional

<b>8.1) Printer*</b>	OK	N/A
Check function	<input type="checkbox"/>	<input type="checkbox"/>
Check printer settings	<input type="checkbox"/>	<input type="checkbox"/>
<b>8.2) Check WLAN *</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>8.3) Removable grid*</b>	OK	N/A
Check locking mechanism	<input type="checkbox"/>	<input type="checkbox"/>
Check for physical damage	<input type="checkbox"/>	<input type="checkbox"/>
<b>8.4) Viewing Station*</b>	OK	N/A
Check wheels	<input type="checkbox"/>	<input type="checkbox"/>
Clean running surface of the wheels	<input type="checkbox"/>	<input type="checkbox"/>
Check the parking brakes	<input type="checkbox"/>	<input type="checkbox"/>
Check the lock function	<input type="checkbox"/>	<input type="checkbox"/>
Check Solo Center touch foil	<input type="checkbox"/>	<input type="checkbox"/>
Check mechanical tilting	<input type="checkbox"/>	<input type="checkbox"/>
Check monitor settings	<input type="checkbox"/>	<input type="checkbox"/>
<b>8.5) Remote Solo Center*</b>	OK	N/A
Check Remote Solo Center touch foil	<input type="checkbox"/>	<input type="checkbox"/>
Check mechanical tilting	<input type="checkbox"/>	<input type="checkbox"/>
Check mechanical locking mechanism	<input type="checkbox"/>	<input type="checkbox"/>
Check EMERGENCY-STOP button for function*	<input type="checkbox"/>	<input type="checkbox"/>
Check X-ray button for physical damage*	<input type="checkbox"/>	<input type="checkbox"/>
Check X-ray button for function*	<input type="checkbox"/>	<input type="checkbox"/>

\* if available / if accomplishable

Notes:

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Location

\_\_\_\_\_

Date

\_\_\_\_\_

Name / Sign