

DOC.#ASML-ENGMECH-FORM-03

Revision No. 00

		COMPACT COLD M	ILL	
		WEEKLY CHECKL	IST	
Year:		MONTHLY:	WEEK	Date:
S.NO.	LOCATION	ACTIVITIES	STATUS	REMARKS
		PREPARATION SECTION	N	1
A	POR WITH SHIFTING	FRAME		
1	Lubrication	Working of Lubrication		
2	Lubrication	Lubrication status on gears, bearings and sliding parts		
3	Bearings	Temperature, noise, vibration on bearing parts		
4	Bolts	Tight/loose check		
5	Media	Check leakage of Oil, Air, Water, etc.		
6	Gripper	Operations		
В	SNUBBER ROLL			
1	Couplings	Lubrication System (Top up/ Adjust/Adapt)		
2	Bearings	Centralized Lubrication		
3	Centralized Lubrication	Oil Volume/Temperature/Quality		
С	PIVOTING TABLE WIT	TH COIL PEELER		
1	Peeler Knife	Visual Check		
2	Table Surface	Contamination(Clean)		
D	3-ROLL PINCH			
1	Deflector Roll/ Pinch Roll/ Bending Roll	Condition/Wear		
E	STRIP CENTER DETEC	CTION		
1	Light Barrier/Sensor	Contamination/Dirt		
F	STRIP GUIDE UNIT			
1	Guide Rollers	Check for Damage and Wear		
2	Bearing Assembly	Centralized Lubrication		
		TENSION REEL 1	•	
G	4-SEGMENT TENSION	REEL		
1	Bearing Assembly	Bearing Temperature (must be <80C)		
2	Gear Unit	Lubrication (Top up/Adjust/Adapt)		
3	Strip Gripper Segment	Function		
Н	DRIVEN SNUBBER RO	LL	•	
1	Bearing Assembly	Centralized Lubrication		
	•	ENTRY SECTION	1	•
I	MANDREL SUPPORT			
1	Bearing Assembly	Centralized Lubrication		
J	BENDING ROLLS		1	•
1	Pinch and Bending Roll	Scoring		
2	Cylinder	Sealing		
	1	ı	1	1



DOC.#ASML-ENGMECH-FORM-03

Revision No. 00

S.NO.	LOCATION	ACTIVITIES	STATUS	REMARKS
K	DIVIDING SHEAR			
1	Knife	Wear/Damage, Especially Cutting Edge		
		MILL STAND 1		
L	DRY STRIP SYSTEM			
1	Cylinder	Sealing		
2	Nozzles	Spray Pattern		
3	Suction Force	Passage/Cleanliness		
M	MILL HOUSING WITH	ACCESSORIES		
1	Centralized Lubrication	Oil Volume/Temperature/Quality		
N	CVC SHIFTING			
1	General (CVC Shifting Cylinder)	Fastening		
2	General (CVC Shifting Cylinder)	Function		
3	Interlocking Cylinders	Function		
4	Interlocking Cylinders	Fastening		
5	Interlocking Cylinders	Seal		
О	SPINDLE HEAD SUPPO	RT		
1	General	Wear		
2	General	Contamination/Dirt		
3	Guide	Centralized Lubrication		
4	Guide	Wear		
5	Bushes	Wear		
6	Cylinders	Seal		
P	EMULSION SPRAYING	SYSTEM		
1	Flat-Jet Nozzles	Spray Pattern		
2	Pipework	Leaks		
Q	MULTIZONE COOLING	SYSTEM		
1	Flat-Jet Nozzles	Spray Pattern		
2	Pipework	Leaks		
R	BUR CHANGING DEVICE	CE		
1	General	Wear		
2	General	Contamination/Dirt		
		WORK ROLL CHANGING D	EVICE	
S	UNDER CARRIAGE			
1	Keeper System	Function		
2	Inching Drive	Function		
3	Inching Drive	Sealing		
4	Guides	Condition		
Т	SIDE SHIFTER DRIVE			
1	Universal Joint Shaft	Function		



DOC.#ASML-ENGMECH-FORM-03

Revision No. 00

S.NO.	LOCATION	ACTIVITIES	STATUS	REMARKS
2	Travel Drive	Function		
3	Travel Drive	Sealing		
4	Guides	Condition/Align		
U	TONG CAR			
1	Travel Drive	Function		
2	Travel Drive	Sealing		
3	Inching Drive	Function		
4	Inching Drive	Sealing		
5	Tong Head	Function		
		INTERSTAND		
V	HOLD DOWN ROLL			
1	General	Wear		
2	General	Contamination/Dirt		
3	Bearing Assembly	Lubrication System (Top up/ Adjust/Adapt)		
$\mathbf{W}$	BASE FRAME			
1	General	Wear		
2	General	Contamination/Dirt		
X	STRIP TENSIOMETER			
1	General	Wear		
2	General	Contamination/Dirt		
3	Roll Barrel Surface	Damage/Corrosion/Wear		
Y	PASSLINE ROLL			
1	General	Wear		
2	General	Contamination/Dirt		
3	Roll Barrel Surface	Damage/Corrosion/Wear		
		BUR CHANGE DEVIC	CE	
1	General	Wear		
2	General	Contamination/Dirt		
		MILL STAND 2		
Z	DRY STRIP SYSTEM			
1	Cylinder	Sealing		
2	Nozzles	Spray Pattern		
3	Suction Force	Passage/Cleanliness		
AA	MILL HOUSING WITH	ACCESSORIES	<u> </u>	
1	Centralized Lubrication	Oil Volume/Temperature/Quality		
AB	CVC SHIFTING		<u> </u>	
1	General (CVC Shifting Cylinder)	Fastening		
2	General (CVC Shifting Cylinder)	Function		
3	Interlocking Cylinders	Function		



DOC.#ASML-ENGMECH-FORM-03

Revision No. 00

S.NO.	LOCATION	ACTIVITIES	STATUS	REMARKS	
4	Interlocking Cylinders	Fastening			
5	Interlocking Cylinders	Seal			
AC	SPINDLE HEAD SUPPORT				
1	General	Wear			
2	General	Contamination/Dirt			
3	Guide	Centralized Lubrication			
4	Guide	Wear			
5	Bushes	Wear			
6	Cylinders	Seal			
AD	EMULSION SPRAYING	SYSTEM			
1	Flat-Jet Nozzles	Spray Pattern			
2	Pipework	Leaks			
AE	MULTIZONE COOLIN	G SYSTEM			
1	Flat-Jet Nozzles	Spray Pattern			
2	Pipework	Leaks			
AF	BUR CHANGING DEVICE				
1	General	Wear			
2	General	Contamination/Dirt			
		EXIT SECTION			
AG	DRY STRIP SYSTEM				
1	General	Wear			
2	General	Contamination/Dirt			
3	Nozzles	Spray Pattern			
4	Suction Force	Passage/Cleanliness			
AH	MANDREL SUPPORT				
1	Bearing Assembly	Centralized Lubrication			
AI	BENDING ROLLS				
1	Pinch and Bending Roll	Scoring			
2	Cylinder	Sealing			
AJ	DIVIDING SHEAR				
1	Knife	Wear/Damage, Especially Cutting Edge			
		TENSION REEL 2			
AK	STRIP PRESS				
1	General	Condition (Damage)			
AL	4-SEGMENT TENSION REEL				
1	Bearing Assembly	Bearing Temperature (must be <80C)			
2	Strip Gripper Segment	Function			
		MEDIA SYSTEMS	<u>,                                      </u>		
AM	HP - HYDRAULIC SYS	ГЕMS			
1	Tank	Leaks			
	1	1			



DOC.#ASML-ENGMECH-FORM-03

Revision No. 00

S.NO.	LOCATION	ACTIVITIES	STATUS	REMARKS
2	Tank	Level		
3	Tank	Temperature		
4	Tank	Clogging of Air Filters		
5	HP Pump Package	Pump Running Noises		
6	HP Pump Package	Housing Temperature		
7	HP Pump Package	Pressure Setting		
8	Circulation Pump Package	Housing Temperature		
9	Circulation Pump Package	Pressure Setting		
10	Circulation Pump Package	Pump Running Noises		
11	Filters	Pressure filter (Inspection for Clogging)		
12	Filters	Circulating filters (Inspection for Clogging)		
13	Filters	Return line Filters (Inspection for Clogging)		
14	Cooling Systems (Heat exchangers/ valves/ filters)	Leaks		
15	Cooling Systems (Heat exchangers/ valves/ filters)	Clogging of Water Filters		
16	Cooling Systems (Heat exchangers/ valves/ filters)	Switching of Valves		
17	Accumulator	Switching Operations of Shutoff Valves/ Pressure Relief Valves etc.		
18	Directional Control Valves	Switching Operations		
19	Propositional Valves	Operation		
20	Servo Valves	Housing Temperature		
21	Pipework	Fastening		
22	Cylinders/ Tilting/ Motors	Collars/ Wipers		
23	Cylinders/ Tilting/ Motors	Seal		
24	Cylinders/ Tilting/ Motors	Piston Rods		
25	Leak Oil Trays, Retension System	Corrosion/ Tightness/ Function		
AN	LP - HYDRAULIC SYSTI	EMS		
1	Tank	Leaks		
2	Tank	Level		
3	Tank	Temperature		
4	Tank	Clogging of Air Filters		
5	HP Pump Package	Pump Running Noises		
6	HP Pump Package	Housing Temperature		
7	HP Pump Package	Pressure Setting		
8	Circulation Pump Package	Housing Temperature		
9	Circulation Pump Package	Pressure Setting		
10	Circulation Pump Package	Pump Running Noises		
11	Filters	Pressure filter (Inspection for Clogging)		



DOC.#ASML-ENGMECH-FORM-03

Revision No. 00

Filters	S.NO.	LOCATION	ACTIVITIES	STATUS	REMARKS
13	12	Filters			
Cooling Systems (Heat exchangers valves/ filters)   Cooling Systems (Heat exchangers valves/ filters)   Switching of Valves   Cooling Systems (Heat exchangers valves/ filters)   Switching of Valves   Cooling Systems (Heat exchangers valves/ filters)   Switching Operations of Shutoff Valves/ Pressure Relief Valves etc.	13	Filters	Return line Filters (Inspection for		
Sechangers valves filters   Switching of Valves	14	exchangers/ valves/ filters)	Leaks		
Switching Or Valves   Switching Operations of Shutoff Valves   Pressure Relief Valves etc.	15		Clogging of Water Filters		
Pressure Relief Valves etc.    18	16		Switching of Valves		
18	17	Accumulator			
20 Servo Valves Housing Temperature 21 Pipework Fastening 22 Cylinders/ Tilting/ Motors 23 Cylinders/ Tilting/ Motors 24 Cylinders/ Tilting/ Motors 25 Leak Oil Trays, Retension System  AO PNEUMATIC SYSTEMS  1 Accumulator Condensate Drain Condensate Drain 26 Filter with Automatic Condensate Drain Filter Clogging 27 Filter with Manual Condensate Drain Condensate Drain Condensate Drain 28 Filter with Manual Condensate Drain Filter Clogging 29 Cylinders/ Tilting/ Motors Chafe Marks 20 Hoses Chafe Marks 21 Hoses Chafe Marks 22 Cylinders/ Tilting/ Motors Seal 23 Cylinders/ Tilting/ Motors Seal 24 Uspinders/ Tilting/ Motors Cushioning 25 Cylinders/ Tilting/ Motors Cushioning 26 Cylinders/ Tilting/ Motors Seal 27 Cylinders/ Tilting/ Motors Cushioning 28 LUBRICATION SYSTEM 29 LUBRICATION SYSTEM 20 Tank Level 30 Tank Temperature 41 Pump Package Pump Running Noises 42 Pump Package Pressure setting	18		Switching Operations		
21 Pipework Fastening 22 Cylinders/Tilting/ Motors Collars/ Wipers 23 Cylinders/Tilting/ Motors Seal 24 Cylinders/Tilting/ Motors Piston Rods 25 Leak Oil Trays, Retension System  AO PNEUMATIC SYSTEMS  1 Accumulator Condensate Drain Filter with Automatic Condensate Drain Filter with Manual Condensate Drain Filter With Manual Condensate Drain Filter With Manual Condensate Drain Filter Clogging  4 Coller Oil Level 6 Pipework Fastening 7 Hoses Chafe Marks 8 Hoses Proper Attachments / Fastening 9 Cylinders/ Tilting/ Motors Collars/ Wipers 10 Cylinders/ Tilting/ Motors Piston Rods 11 Cylinders/ Tilting/ Motors Cushioning AP LUBRICATION SYSTEM 1 Tank Level 3 Tank Temperature 4 Pump Package Pump Running Noises 5 Pump Package Pressure setting	19	Propositional Valves	Operation		
22         Cylinders/ Tilting/ Motors         Collars/ Wipers           23         Cylinders/ Tilting/ Motors         Seal           24         Cylinders/ Tilting/ Motors         Piston Rods           25         Leak Oil Trays, Retension System         Corrosion/ Tightness/ Function           AO         PNEUMATIC SYSTEMS           1         Accumulator Condensate Drain         Filter With Automatic Condensate Drain           2         Filter with Automatic Condensate Drain         Filter Clogging           3         Filter with Manual Condensate Drain         Condensate Drain           4         Filter with Manual Condensate Drain         Condensate Drain           5         Oiler         Oil Level           6         Pipework         Fastening           7         Hoses         Chafe Marks           8         Hoses         Proper Attachments / Fastening           9         Cylinders/ Tilting/ Motors         Seal           10         Cylinders/ Tilting/ Motors         Seal           11         Cylinders/ Tilting/ Motors         Cushioning           AP         LUBRICATION SYSTEM           1         Tank         Level           3         Tank         Level           3         Tank	20	Servo Valves	Housing Temperature		
23 Cylinders/ Tilting/ Motors 24 Cylinders/ Tilting/ Motors 25 Leak Oil Trays, Retension System  AO PNEUMATIC SYSTEMS  1 Accumulator Condensate Drain 2 Filter with Automatic Condensate Drain Filter Clogging 3 Filter with Manual Condensate Drain Condensate Drain Condensate Drain 4 Filter with Manual Condensate Drain Condensate D	21	Pipework	Fastening		
24 Cylinders/Tilting/ Motors 25 Leak Oil Trays, Retension System  Corrosion/ Tightness/ Function  AO PNEUMATIC SYSTEMS  1 Accumulator Condensate Drain Condensate Drain  3 Filter with Automatic Condensate Drain Filter with Manual Condensate Drain Condensate Drain  4 Filter with Manual Condensate Drain Condensate	22	Cylinders/ Tilting/ Motors	Collars/ Wipers		
25   Leak Oil Trays, Retension System	23	Cylinders/ Tilting/ Motors	Seal		
AO PNEUMATIC SYSTEMS  1 Accumulator Condensate Drain Condensate in Tank  2 Filter with Automatic Condensate Drain Filter Clogging  3 Filter with Manual Condensate Drain Condensate Drain  4 Filter with Manual Condensate Drain Condensate Drain  5 Oiler Oil Level  6 Pipework Fastening  7 Hoses Chafe Marks  8 Hoses Proper Attachments / Fastening  9 Cylinders/ Tilting/ Motors Seal  11 Cylinders/ Tilting/ Motors Piston Rods  12 Cylinders/ Tilting/ Motors Cushioning  AP LUBRICATION SYSTEM  1 Tank Leaks  2 Tank Level  3 Tank Temperature  4 Pump Package Pump Running Noises  5 Pump Package Pressure setting  6 Pump package Pressure setting	24	Cylinders/ Tilting/ Motors	Piston Rods		
ACCUMULATIC SYSTEMS  1 Accumulator Condensate Drain Condensate in Tank  2 Filter with Automatic Condensate Drain Filter Clogging  3 Filter with Manual Condensate Drain Filter Clogging  4 Filter with Manual Condensate Drain Condensate Drain Condensate Drain  5 Oiler Oil Level  6 Pipework Fastening  7 Hoses Chafe Marks  8 Hoses Proper Attachments / Fastening  9 Cylinders/ Tilting/ Motors Collars/ Wipers  10 Cylinders/ Tilting/ Motors Piston Rods  11 Cylinders/ Tilting/ Motors Cushioning  AP LUBRICATION SYSTEM  1 Tank Leaks  2 Tank Level  3 Tank Temperature  4 Pump Package Pump Running Noises  5 Pump Package Pressure setting	25		Corrosion/ Tightness/ Function		
Drain	AO				
Condensate Drain   Filter Clogging   Condensate Drain   Filter Clogging   Condensate Drain   Filter With Manual   Condensate Drain   Condensate	1		Condensate in Tank		
Scondensate Drain Filter With Manual Condensate Drain Condensate Drain Condensate Drain Condensate Drain Condensate Drain Condensate Drain Coll Level Collary Fastening Fastening Fastening Fastening Chafe Marks Reses Proper Attachments / Fastening Cylinders/ Tilting/ Motors Collars/ Wipers Cylinders/ Tilting/ Motors Seal Cylinders/ Tilting/ Motors Cushioning Cylinders/ Tilting/ Motors Cushioning  AP LUBRICATION SYSTEM Tank Leaks Tank Level Tank Level Tank Level Tank Temperature  Pump Package Pump Running Noises Filter Clogging Condensate Drain C	2		Filter Clogging		
Condensate Drain Condensate Drain Coller Coiler Coller Col	3		Filter Clogging		
6 Pipework Fastening 7 Hoses Chafe Marks 8 Hoses Proper Attachments / Fastening 9 Cylinders/ Tilting/ Motors Collars/ Wipers 10 Cylinders/ Tilting/ Motors Seal 11 Cylinders/ Tilting/ Motors Piston Rods 12 Cylinders/ Tilting/ Motors Cushioning AP LUBRICATION SYSTEM 1 Tank Leaks 2 Tank Level 3 Tank Temperature 4 Pump Package Pump Running Noises 5 Pump Package Housing temperature 6 Pump package Pressure setting	4		Condensate Drain		
7 Hoses Chafe Marks  8 Hoses Proper Attachments / Fastening  9 Cylinders/ Tilting/ Motors Collars/ Wipers  10 Cylinders/ Tilting/ Motors Seal  11 Cylinders/ Tilting/ Motors Piston Rods  12 Cylinders/ Tilting/ Motors Cushioning  AP LUBRICATION SYSTEM  1 Tank Leaks  2 Tank Level  3 Tank Temperature  4 Pump Package Pump Running Noises  5 Pump Package Housing temperature  6 Pump package Pressure setting	5	Oiler	Oil Level		
8 Hoses Proper Attachments / Fastening 9 Cylinders/ Tilting/ Motors Collars/ Wipers 10 Cylinders/ Tilting/ Motors Seal 11 Cylinders/ Tilting/ Motors Piston Rods 12 Cylinders/ Tilting/ Motors Cushioning  AP LUBRICATION SYSTEM 1 Tank Leaks 2 Tank Level 3 Tank Temperature 4 Pump Package Pump Running Noises 5 Pump Package Housing temperature 6 Pump package Pressure setting	6	Pipework	Fastening		
9 Cylinders/ Tilting/ Motors Collars/ Wipers 10 Cylinders/ Tilting/ Motors Seal 11 Cylinders/ Tilting/ Motors Piston Rods 12 Cylinders/ Tilting/ Motors Cushioning  AP LUBRICATION SYSTEM  1 Tank Leaks 2 Tank Level 3 Tank Temperature 4 Pump Package Pump Running Noises 5 Pump Package Housing temperature 6 Pump package Pressure setting	7	Hoses	Chafe Marks		
10 Cylinders/ Tilting/ Motors Seal  11 Cylinders/ Tilting/ Motors Piston Rods  12 Cylinders/ Tilting/ Motors Cushioning  AP LUBRICATION SYSTEM  1 Tank Leaks  2 Tank Level  3 Tank Temperature  4 Pump Package Pump Running Noises  5 Pump Package Housing temperature  6 Pump package Pressure setting	8	Hoses	Proper Attachments / Fastening		
11 Cylinders/ Tilting/ Motors Piston Rods 12 Cylinders/ Tilting/ Motors Cushioning  AP LUBRICATION SYSTEM  1 Tank Leaks 2 Tank Level 3 Tank Temperature 4 Pump Package Pump Running Noises 5 Pump Package Housing temperature 6 Pump package Pressure setting	9	Cylinders/ Tilting/ Motors	Collars/ Wipers		
12 Cylinders/ Tilting/ Motors Cushioning  AP LUBRICATION SYSTEM  1 Tank Leaks 2 Tank Level 3 Tank Temperature 4 Pump Package Pump Running Noises 5 Pump Package Housing temperature 6 Pump package Pressure setting	10	Cylinders/ Tilting/ Motors	Seal		
AP         LUBRICATION SYSTEM           1         Tank         Leaks            2         Tank         Level            3         Tank         Temperature            4         Pump Package         Pump Running Noises            5         Pump Package         Housing temperature            6         Pump package         Pressure setting	11	Cylinders/ Tilting/ Motors	Piston Rods		
1 Tank Leaks 2 Tank Level 3 Tank Temperature 4 Pump Package Pump Running Noises 5 Pump Package Housing temperature 6 Pump package Pressure setting	12	Cylinders/ Tilting/ Motors	Cushioning		
2 Tank Level 3 Tank Temperature 4 Pump Package Pump Running Noises 5 Pump Package Housing temperature 6 Pump package Pressure setting	AP	LUBRICATION SYSTEM	ī		
3 Tank Temperature 4 Pump Package Pump Running Noises 5 Pump Package Housing temperature 6 Pump package Pressure setting	1	Tank	Leaks		
4 Pump Package Pump Running Noises 5 Pump Package Housing temperature 6 Pump package Pressure setting	2	Tank	Level		
5 Pump Package Housing temperature 6 Pump package Pressure setting	3	Tank	Temperature		
6 Pump package Pressure setting	4	Pump Package	Pump Running Noises		
6 Pump package Pressure setting	5	Pump Package	Housing temperature		
	6				
, I periora Lectus	7	Pipework	Leaks		



DOC.#ASML-ENGMECH-FORM-03

Revision No. 00

Effective Date: 01-Apr-2017

S.NO.	LOCATION	ACTIVITIES	STATUS	REMARKS
8	Hoses/Rubber expansion joints	Damage/Chafe marks/ Tightening		
9	Tank	Clogging of Air Filters		
10	Filters	Filter (Inspection for Clogging)		
11	Cooling Systems (Heat Exchangers/ Valves/Filters)	Leaks		
12	Cooling Systems (Heat exchangers/ valves/Filters)	Clogging of Water Filters		
13	Cooling Systems (Heat exchangers/ valves/Filters)	Switching of Valves		
14	Pipework	Fastening		
AAS	EMULSION SYSTEM			
1	Tank	Leaks		
2	Tank	Level		
3	Tank	Temperature		
4	Tank	Clogging of Air Filters		
5	Pump Package	Pump Running Noises		
6	Pump Package	Housing temperature		
7	Filters	Circulation Line Strainer Cleaning		
8	Filters	Backwash Filter Operation		
9	Filters	Inclined Bed Filter's Operation		
10	Pipework	Leaks		
11	Pipework	Fastening		
12	Hoses/Rubber Expansion Joints	Damage/ Chafe Marks/ Tightening		
13	Cooling Systems (Heat Exchangers/ Valves/Filters)	Leaks		
14	Cooling Systems (Heat Exchangers/ Valves/Filters)	Clogging of Water Filters		
15	Cooling Systems (Heat Exchangers/ Valves/Filters)	Switching of Valves		
16	Valves	Butterfly Valves Check for Passing		
17	Valves	Globe Valve Operations.		

Supervisor	Sr. Assistant Manager/	Manager
	Engineer	

Note: C: Checked, D: Checked & Repair, R: Checked & Replaced, X: Not Checked