

**S & G****PRESS & MACHINERY SALES****PRESS INSPECTION REPORT****Customer**

Inspection Date 1.22.2024

Press No.

Stock # 2860

Serial No.

10053

Model No.

E2M200

Mfg.

Komatsu

1. General Information**A. Stroke** 5.9"**B. Stroke per minute** 20-100 VSPM**C. Adjustment of ram** 3.9"**D. Shut height to bed** 24.8"**2. ELECTRICAL****A. Operational** Yes ☒ No ☐**B. General condition** (based on a mechanics observation and not that of an electrician)**3. LUBRICATION****A. Type of System** Oil ☒ Grease ☒**B. Manufacturer****C. All points receive lube** Yes ☐ No ☒**D. General condition & assessment:**

No Lube running to gibs, will need further evaluation.

4. PNEUMATICS

A. Clutch/brake pressure 70 PSI

B. Counter balance No Leaks

C. Cushion N/A

D. Check for leaks & note No Leaks

E. General condition & assessment

5. CLUTCH

A. Air leak Yes ☐ No ☒

B. Travel Internal – Hydraulic Clutch

C. General condition & assessment

Appears to be running quietly and operating well.

6. BRAKE

A. Air leak Yes ☐ No ☒

B. Travel Internal – Hydraulic Brake

C. General condition & assessment

Appears to be stopping very quickly and running very well.

7. FLYWHEEL BRAKE

A. Lining thickness 1"

B. General condition & assessment -

8. GEAR TRAIN

A. General condition & assessment

Good Condition – Like NEW!

9. GUARDS & COVERS

A. Damage	None
B. Leaking Oil	No
C. Missing Bolts	No
D. General Assessment	Good

10. Main Motor Assemble - Motor appears New/er

A. Belts Assessment	Good
B. Shiv & Grooves Assessment	Good - Smooth Belt No Groves
C. Motor Mount Assessment	Good

11. HYDRAULIC OVERLOAD SYSTEM

A. Operating Pressure	52 PSI
B. Leaks	None
C. General Condition & Assessment	Good

12. RAM TO BED PARALLELISM

A. With counter balance pressure on

Stroke down

LR	.0	RR	+.003
LF		RF	

Stroke up

LR	.0	RR	+.005
LF		RF	

Stroke at 90 degrees

LR	.0	RR	+.001
LF		RF	

Stroke at 270 degrees

LR	.0	RR	-.004
LF		RF	

B. Condition of slide face	Ok
C. Condition of bolster face	Ok
D. General condition & assessment	

13. GIB CLEARANCE

A. Points of gibbing

8 Point

B. Front to back

Bottom of gib

LR .002
LF .005

RR .006
RF .002

Top of gib

LR .005
LF .006

RR .003
RF .005

C. Left to right

Bottom of gib

LR .002
LF .005

RR .004
RF .003

Top of gib

LR .005
LF .005

RR .004
RF .005

D. General condition & assessment

14. RAM ADJUSTMENT

A. Limit switches working

Yes



No



B. General condition & assessment

Works – Runs smooth.

15. RAM LIFT READINGS WITH JACK PRESSURE

A. Total lift

LR	<u>.040</u>	RR	<u>.035</u>
LF	<u></u>	RF	<u></u>

B. Crank shaft or main pin

LR	<u></u>	RR	<u></u>
LF	<u></u>	RF	<u></u>

C. Connection upper (Lower Connection & Crank)

LR	<u>.021</u>	RR	<u>.015</u>
LF	<u></u>	RF	<u></u>

D. Connection lower

LR	<u></u>	RR	<u></u>
LF	<u></u>	RF	<u></u>

E. Screw threads (Adjustment housing / Lower Plunger)

LR	<u>.019</u>	RR	<u>.019</u>
LF	<u></u>	RF	<u></u>

F. Adjustment nut and housing

LR	<u></u>	RR	<u></u>
LF	<u></u>	RF	<u></u>

G. General condition & assessment

16. RUN PRESS

A. Check for vibration	<u>None</u>
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B. Check for noise	<u>None</u>
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C. Assessment

Very Quiet Running Press

17. Serviceman's general overall assessments & comments including repairs

Need to spend some time to assess the oil lube/grease points to confirm all points are getting lubrication.

18. INSPECTION

Inspected by	<u>Dave Ruthenberg</u>
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Date	<u>1/22/2024</u>
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