



PRESS INSPECTION REPORT

Customer Date 4.18.2024 Initial Press Inspection – Prior to Repairs

Press No. Stock # 2802 **Serial No.** EP-114-082495

Model No. SC2-300-108-48 **Mfg.** Eagle

1. General Information

A. Stroke 12"

B. Stroke per minute 25-50 VSPM

C. Adjustment of ram 6"

D. Shut height to bed 32" Bolster - 38" on Bed

2. ELECTRICAL

A. Operational Yes ☒ No ☐

B. General condition (based on a mechanics observation and not that of an electrician)

Press is running through existing Link press controls.

3. LUBRICATION

A. Type of System Oil ☒ Grease ☐

B. Manufacturer

C. All points receive lube Yes ☒ No ☐

D. General condition & assessment:
All Points getting lube and verified.

4. PNEUMATICS

A. Clutch/brake pressure 70 PSI

B. Counterbalance 70 PSI – Left Rear Leaks

C. Cushion N/A

D. Check for leaks & note Yes - See below

E. General condition & assessment

- Roto Coupling Leak and Left Rear Air Counterbalance Leaks - Recommend replacing Seals in Air Counterbalances.

5. CLUTCH

A. Air leak Yes ☐ No ☒

B. Travel .090

C. General condition & assessment

Normal Wear

6. BRAKE

A. Air leak Yes ☐ No ☒

B. Travel .090

C. General condition & assessment

Normal Wear

7. FLYWHEEL BRAKE

A. Lining thickness

B. General condition & assessment -

8. GEAR TRAIN

A. General condition & assessment

Good Condition

9. GUARDS & COVERS

A. Damage	Missing Flywheel Guard – Need to look further to locate
B. Leaking Oil	No
C. Missing Bolts	No
D. General Assessment	Good

10. Main Motor Assemble - Motor appears New/er

A. Belts Assessment	Fair - Excellent – 2 sets on press used set is fair – Spare Set is new.
B. Shiv & Grooves Assessment	Good
C. Motor Mount Assessment	Good

11. HYDRAULIC OVERLOAD SYSTEM

A. Operating Pressure	N/A
B. Leaks	
C. General Condition & Assessment	

12. RAM TO BED PARALLELISM

A. With counterbalance pressure on Not Checked, Bolster on Blocks

Stroke down

LR _____
LF _____

RR _____

RF _____

Stroke up

LR _____
LF _____

RR _____

RF _____

Stroke at 90 degrees

LR _____
LF _____

RR _____

RF _____

Stroke at 270 degrees

LR _____
LF _____

RR _____

RF _____

B. Condition of slide face

Good

C. Condition of bolster face

Good

D. General condition & assessment

Ram to Bed parallelism not checked – We could machine ram / gib / replace wear plates at time of sale upon request.

13. GIB CLEARANCE

A. Points of gibbing

8 Point Gibbing - Need to be adjusted prior to shipment

B. Front to back

Bottom of gib

LR _____ RR _____
LF _____ RF .030

Top of gib

LR _____ RR _____
LF _____ RF _____

C. Left to right

Bottom of gib

LR _____ RR _____
LF _____ RF _____

Top of gib

LR _____ RR _____
LF _____ RF _____

D. General condition & assessment

Will be adjusted prior to shipment

14. RAM ADJUSTMENT

A. Limit switches working

Yes ☐ No ☐

B. General condition & assessment

Not Checked at time of inspection.

15. RAM LIFT READINGS WITH JACK PRESSURE

A. Total lift

LR	<u>.055</u>	RR	<u>.165</u>
LF	<u></u>	RF	<u></u>

B. Crank shaft or main pin

LR	<u>.020</u>	RR	<u>.020</u>
LF	<u></u>	RF	<u></u>

C. Connection upper

LR	<u>.018</u>	RR	<u>.094</u>
LF	<u></u>	RF	<u></u>

D. Connection lower (and Ball Screw)

LR	<u>.009</u>	RR	<u>.038</u>
LF	<u></u>	RF	<u></u>

E. Screw threads (in connection)

LR	<u>.008</u>	RR	<u>.013</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

Recommend replacing Upper and lower connection bushings and disassembling ram to locate additional clearances. Replace and repair as required.

16. RUN PRESS

A. Check for vibration None – No Vibrations

B. Check for noise

C. Assessment

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

Right Side of Press needs Work – Recommend at minimum Rebuild Air Counterbalances and Remove excess clearance in slide. While Slide is out skim cut gibs square and replace wear strips.

18. INSPECTION

Inspected by Dave Ruthenberg

Date 04/18/2024