



EAGLE PRESS & EQUIPMENT CO. LTD.

5710 O'Neil Drive Oldcastle, Ontario, N0R 1L0 Canada

Attention: Luis Gerardo de la Garza

Company: Metalsa

Address: Carr. Miguel Aleman km 16.5 No. 100

66600 Apodaca, NL

Mexico

Re: Quote #: 1207-IKV-140520rev b

We are pleased to submit the following for your consideration:

Scope of work:

Dispatch 1 Industrial Mechanic to provide consultation for crown and slide adjust screw re-assembly. Customer is responsible for machining, rigging and installation of all components.

Any additional time required will be billed at Eagle prevailing rates.

Special Note

Eagle does not offer any warranties and is not responsible for the repairs being made by Metalsa or Metalsa's subcontractor

Daily Rates based on 8 hrs / day:

- Week day rate 8 hrs / day 9am 5pm Mon Fri: \$1,000.00
- Saturday rate 8 hrs 9am 5pm: \$1,600.00 / day
- Sunday / holiday rate: 8 hrs / day 9am 5pm: \$2,400.00 / day
- Out of town stand by rate for weekends \$1,000.00 / day

Daily labor cost breakdown:

Tues May 27 – Travel day – \$1,000.00 Wed May 28 – Fri May 30 – on site (8hrs) – \$1,000.00 x 3 = \$3,000.00 Sat. May 31 – On site (8hrs) - \$1,600.00 Sun Jun 1 – (stand by) - \$1,000.00 / on site (8hrs) \$2,400.00 Mon Jun 2 – Thurs Jun 5 – On site (hrs / day) \$1,000.00 x 4 = \$4,000.00 Fri Jun 6 – on site (8hrs) \$1,000.00 Sat Jun 7 – travel day – \$1,600.00

Expenses: \$5,606.00

Total cost (Stand by on Sunday) = \$18,806.00 USD Option 4 hrs on Sunday = additional \$800.00 USD

Terms: Payment with P.O.

Delivery: May 27 – June 7 2014

Thank you for the opportunity to quote on this project

Best regards,

Igor Varga Service Manger Eagle Press & Equipment Co. Ltd. * If additional time is required the following rates will apply:
Labour Rates: As per Eagle 2012 Rate Schedule
Straight time rate applies: 7:00 am to 3:30 pm Mon. - Fri.
Double time rate applies: after 3:30PM. & Saturdays
Triple time rate applies: Sundays & Holidays
Fluid disposal / fluid fills, man lifts, rigging and crane equipment are not included

Repair Warranty:

Terms Goods replaced and repairs performed by Eagle Press & Equipment Co. are warranted to be free from defects in material and workmanship respectively under normal use for a period of six (6) months from the date of delivery. Re-used and/or purchased items incorporated into repairs and/or rebuilds will be guaranteed only in so far and to the extent that the manufacturer of these items guarantees them to Eagle Press & Equipment Co. (E.P. & E.). This warranty is limited to supplying the buyer (F.O.B. point of manufacture) replacement goods and parts, which have been found to be defective under examination by E.P. & E. authorized representatives. The buyer shall prepay transportation charges on material or equipment returned to E.P.& E. for examination, reworking and/or replacement. It will be the responsibility of the buyer to arrange at his/her expense adequate lifting and moving facilities (if heavy lifts are required) to carry out repairs and/or adjustments at his/her facility. E.P.& E. will not, under any circumstances, be liable for damages and/or injuries which may be incurred by the buyer, its agents, or employees as a result of delays, defective workmanship or material supplied under this order. If at any time the buyer misuses, alters or changes, in any manner, any item, part, operating characteristic, or safe guarding device or if preventive maintenance is not carried out as required, that action nullifies all warranties herein previously expressed in writing and buyer agrees to indemnify and hold harmless E.P.& E. from and against all damages (direct, consequential, or indirect), liabilities or obligations which were previously agreed upon or otherwise that the buyer may incur or sustain. There are no conditions, terms, agreements, representations or warranties inferred or implied except as are expressly contained herein in writing, E.P. & E. shall in no event be held liable for any indirect, special or consequential damages such as down time or the like.

Buyer shall be responsible for all safety devices and guards required to comply with legislation governing occupational health and safety matters and the use of equipment.

This is the entire warranty granted by **E.P.& E.** and any amendments thereto, to be effective, shall be in writing and signed by buyer and **E.P.& E.**

Indemnification:

It will be the buyer's responsibility to supply and ensure, in accordance with all applicable health and safety legislation in buyer's jurisdiction, the use of a properly applied and adjusted point of operation safety device on every operation performed on its presses. Without limiting the generality of the foregoing the buyer shall use and shall require the use of all necessary safety devices and guards as well as safety procedures, in any event and not less than required in buyer's jurisdiction. If th buyer fails to comply with safe operating procedures and/or modifies or removes any safeguarding devices or breaches any health or safety legislation, buyer agrees to indemnify and hold **E.P.&E.** Harmless from any damages, liability or obligation to persons or articles, injured or damaged directly or indirectly in connection with the operation of the equipment.

In the event of any incident or malfunction involving an EAGLE PRESS, the buyer shall, within 30 days of an accident, notify **E.P. & E.** and shall cooperate fully with **E.P. & E.** in investigating and determining the cause of any such accident or malfunction failing which

E. P. & E. is released from all warranties to buyer.

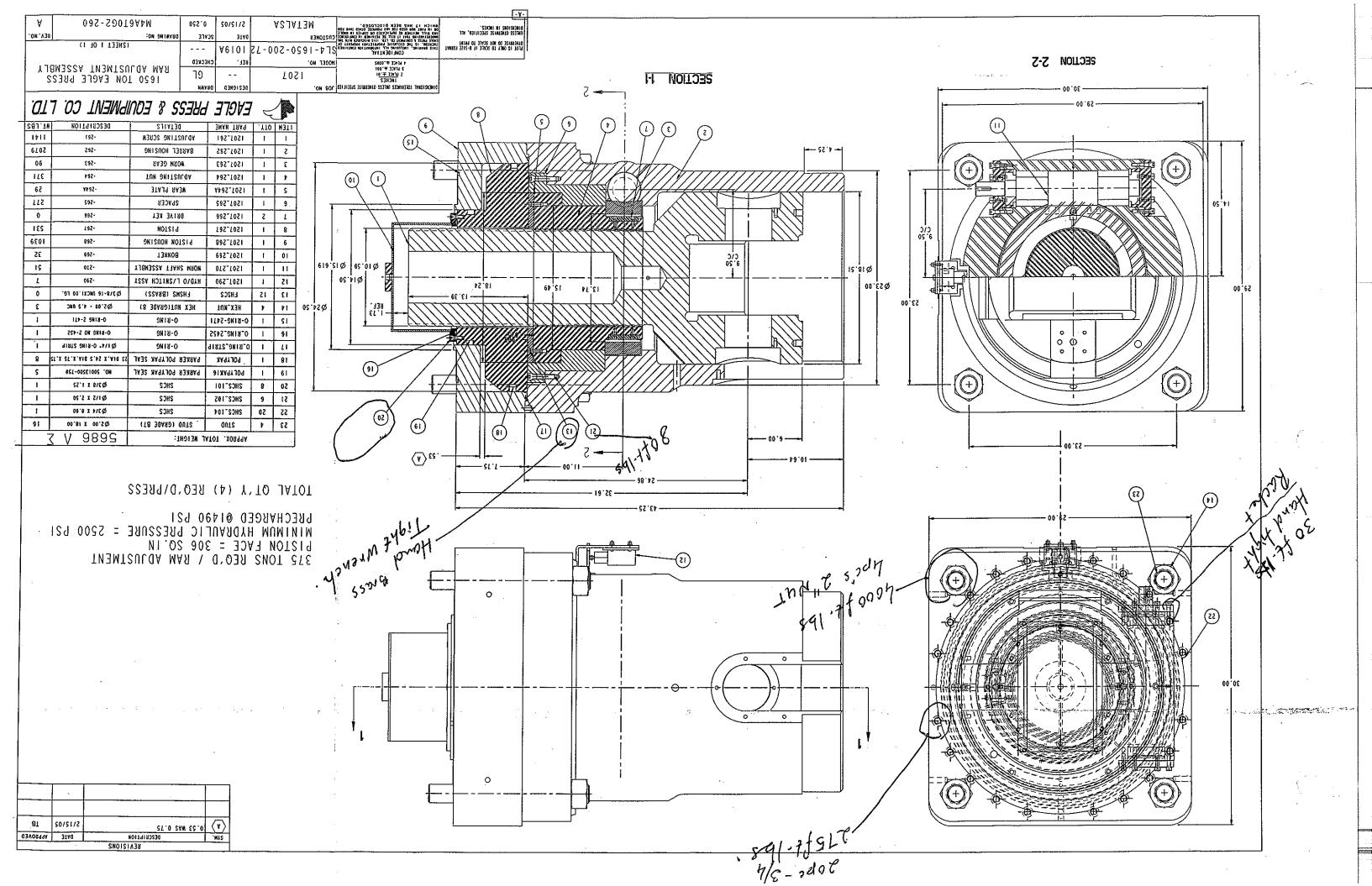
Service to Our Customers:

All service warranty work rendered will be completed during **E. P. & E.** regular working hours. Any work requiring overtime hours will be the responsibility of the buyer.

Acknowledgement of Indebtedness and Repairer's Lien:

The customer hereby acknowledges the indebtedness to be specified and agrees to pay **E. P. & E.** in full for all amounts owing as a result of this repair. **E. P. & E.** may retain a repair lien at any time securing the balance pursuant to the Repair and Storage Liens Act, R.S.O. 1990 or equivalent with all the rights of a lien and without limitation, the right to repossess and retain or repossess and sell the subject goods to satisfy the amount owing and its costs incurred in connection therewith. Interest on past due account is 2% per month.

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marana (° st.)	PRESS & EQUIPMENT CO. FASTENER SEATING TORQUE TABLE	TORQUE	(lb x ft) 30	150	275	700	1200	3300
	LE PRESS & EQUIPMENT CO. FASTENER SEATING TORQUE TABLE	FASTENER DIA.	(in) 3/8	1/2	3/4	1 1/8	11/2	1 3/4
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Hydraulic OLV Protector System Design Information

Dec 10, 2004

Quotation #: Q-9131 Eagle Press JIT Job #: 1650 Ton Inquiry #: RFQ for Metalsa Customer Data Enter the following data for your press and overload cylinder parameters 14.5 inches inches Inner diameter of cylinder(s): Press Stroke Length: 24.5 inches .5 inches Capacity Point, Y: Outer diameter of cylinder(s): 1650 Press Tonnage: tons Number of overload cylinder(s): 26 S.P.M. .75P inches Maximum Press Speed: Cylinder Stroke, S: ** Please sign and date below for confirmation of data.** Signature: per T. Boros 9/1/2004 Velocity of the slide overload cylinder(s) V1, at capacity point Y must be known to determine relief flow rate through the OLV Protector Valve. Estimated slide velocity in feet per minute is ... 40.27 ft/min. Enter the actual slide velocity if different from the estimated value 42.0 ft/min. Optimum flow rate through the OLV Protector Valve ranges from 150 ~200 m/sec. Using the number of OLV Protector Valves and cylinder dimensions, the upper and lower limits of the orlfice diameter, d, are as follows: Minimum orifice diameter: 23:17 mm (@ 200 m/sec flow rate) Maximum orifice diameter: 26.75 mm (@ 150 m/sec flow rate) OLV Protector Orifice Diameter d (mm): 24:5 Number of Valve(s): 2 Effective orifice diameter, deff, is: 34.6 mm STEP#3 Relief Flow Rate is determined to be V2 = ----179 m/sec STEP #4 Calculation of the pressure settings for the OLV Protector Valve System Recommended SR Pump Unit: SR100-20-BB46 Hydraulic overload relief pressure @ 110% press tonnage, Pr = 2963 psi Maximum regulated balance air pressure to OLV Protector. Pb = ---74 psi Number of pumps: 2 Est. Charge Time: 122 seconds Hydraulic preload pressure (SR Pump output pressure) = (see below) psi Required Reservoir Capacity: 15.91 US gallons

Enter the maximum preload pressure if a low-preload pressure system is desired: 1300 psi

Preload pressure must be less than press cylinder pressure at specified press tonnage.

Required pneumatic supply pressure for the SR100-20-BB46 pump to deliver 1300psi preload pressure is : 57 psi

SR OLV Protector Adjustment Table for: R24.5-209-/-95-70-EO36

Hydraulic Relief Pressure, Pr = 21.74 Pb + 1349 psi (= 21.74 Pb + 95 Kgf/cm²)

Press Output	OLV Balance Pressure
1815 tons (110%)	74 psi
1732 tons (105%)	68 psi
1650 ions (100%)	61 psi
1567 tons (95%)	55 psi
	49 psi
	43 psi
1320 tons (80%)	37 psi
1237 tons (75%)	30 psì
	24 psi
1072 tons (65%)	18 psi
990 tons (60%)	12 psi

Designer's Notes

- Minimum air pressure to SR Pump unit is 2 kgf/cm² [28 psi]. Pump will stall below this value.
- ° Reservoir capacity should be at least four (4) times the total cylinder volume(s).

(Minimum 4X total volume of overload cylinders).

- Separate air regulator is recommended for the SR Pump if a low preload pressure system is required.
- Bleeding off the regulated air balance pressure, Pb, when the preload pressure is greater than 1349 psi will dump the overload system to the reservoir.