



# GARROD HYDRAULICS, INC.



1050 Locust Point Road York, PA 17406 Phone: (717) 767-6429 Toll Free: 866-4-GARROD  
Office & Accounting Fax: (717) 767-9360 Shop Orders & Purchasing Fax: (717) 764-4490

**I N V O I C E**

**MARCH 30, 2021**

**INVOICE #: 91874**

**BILL TO: 012220**

**SHIP TO: 012220**

**THE BELT GROUP  
11521 MILNOR AVE.  
P.O. BOX 1210  
CUMBERLAND, MD 21501-1210**

**THE BELT GROUP  
11521 MILNOR AVE.  
P.O. BOX 1210  
CUMBERLAND, MD 21501-1210**

**PH#: 301 729-8900 CUST PO#: 8084**

**SHIP VIA: CPU 3/26/21**

**SLM#: 11**

<u>Mob/Welded Cyl</u>	<u>Bore Diameter</u>	<u>Rod Diameter</u>	<u>Cust's Descript</u>
00121412	5.713 & 6.895	1.18, 4.91, 6.3	TELESCOPE CYL
<u>MCC or Mfg Name</u>	<u>CUST REQ #</u>	<u>CUST JOB #</u>	<u>ITEM#</u>
DEMAG AC80-1			

**REPAIR DEMAG TELESCOPE CYLINDER ASSY #00121412**

**CRANE INFORMATION: AC80-1 S/N75342**

**CYLINDER INFORMATION: ASSY #00121412**

**89546040**

**9070670**

**REPAIR WORK SCOPE:**

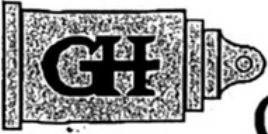
- DISASSEMBLY & INSPECTION OF COMPONENTS
- HONING OF THE BARREL BORE
- HONING OF THE TUBE BORE
- REPAIR OF 1.18" OIL TUBE SEALING DIAMETER @ .002 PER SIDE MAXIMUM CHROME THICKNESS
- REPAIR OF 4.91" ROD SEALING DIMAETER @ .003 PER SIDE MAXIMUM CHROME PLATING THICKNESS
- REPAIR OF 6.3" TUBE SEALING DIAMETER @ .003 PER SIDE MAXIMUM CHROME PLATING THICKNESS
- REPAIR OF OIL TUBE SEAL GROOVES IN 5.7" PISTON
- FABRICATION OF NEW OIL TUBE CAP SEALS
- FABRICATION OF PISTON MOUNTING ADAPTER PLATE
- REPAIR OF ROD SEAL GROOVES IN TUBE GLAND
- FABRICATION OF NEW ROD GLAND
- INSTALLATION OF CUSTOMER SUPPLIED SEAL KITS AND VALVES
- ASSEMBLY & PRESSURE TESTING OF CYLINDER
- PAINTING OF CYLINDER

**CUSTOMER SUPPLIED PARTS:**

- 45021212 GLAND SEAL KIT
- 45021312 PISTON SEAL KIT
- 50137998 O-RING SEAL (5 PCS)
- 60430940 COUNTERBALANCE VALVES (2 PCS)
- 42018512 VALVE SEAL KIT (2 PCS)
- 60431040 CHECK VALVE (2 PCS)

CONTINUED ON NEXT PAGE





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**I N V O I C E**

**MARCH 30, 2021**

**INVOICE #: 91874**

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**THE BELT GROUP  
11521 MILNOR AVE.  
CUMBERLAND, MD 21501-1210**

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11521 MILNOR AVE.  
CUMBERLAND, MD 21501-1210**

**PH#: 301 729-8900 CUST PO#: 8084 ✓**

**SHIP VIA: CPU 3/26/21**

**SLM#: 11**

<u>Mob/Welded Cyl</u>	<u>Bore Diameter</u>	<u>Rod Diameter</u>	<u>Cust's Descrpt</u>
00121412	5.713 & 6.895	1.18, 4.91, 6.3	TELESCOPE CYL
<u>MCC or Mfg Name</u>	<u>CUST REQ #</u>	<u>CUST JOB #</u>	<u>ITEM#</u>
DEMAG AC80-1			

**J O B S U M M A R Y**

LABOR	16,477.00
PART SALES	11,273.00
SALES TAX AT 6.000 %	1,665.00

**1% 10 NET 30**

**JOB TOTAL: \$29,415.00**

### APPROVALS/REVISIONS

Clerical Accuracy Check J

Compared to PO         

Project Manager Approval         

VENDOR E-ARR G/L# 702  
RECEIVED

APR - 1 2021

JOB HO COST CODE 60-80  
DUE DATE          DISC         

**POSTED**





# GARROD HYDRAULICS, INC.



1050 Locust Point Road York, PA 17406 Phone: (717) 767-6429 Toll Free: 866-4-GARROD  
Office & Accounting Fax: (717) 767-9360 Shop Orders & Purchasing Fax: (717) 764-4490

**I N V O I C E**

**MARCH 30, 2021**

**INVOICE #: 91875**

**BILL TO: 012220**

**SHIP TO: 012220**

THE BELT GROUP  
11521 MILNOR AVE.  
P.O. BOX 1210  
CUMBERLAND, MD 21501-1210

THE BELT GROUP  
11521 MILNOR AVE.  
P.O. BOX 1210  
CUMBERLAND, MD 21501-1210

PH#: 301 729-8900 CUST PO#: 8084 ✓

SHIP VIA: CPU 3/26/21

SLM#: 11

<u>Mob/Welded Cyl</u>	<u>Bore Diameter</u>	<u>Rod Diameter</u>	<u>Cust's Descript</u>
00077312	6.895	5.498	TELESCOPE CYL
<u>MCC or Mfg Name</u>	<u>CUST REQ #</u>	<u>CUST JOB #</u>	<u>ITEM# CUST DESC</u>
DEMAG AC80-1			

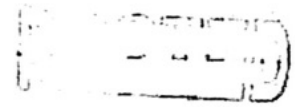
REPAIR DEMAG TELESCOPE CYLINDER ASSY #00077312  
 CRANE INFORMATION: AC80-1 S/N75342  
 CYLINDER INFORMATION: ASSY #00077312  
 89544040  
 9070675

**REPAIR WORK SCOPE:**

DISASSEMBLY & INSPECTION OF ALL COMPONENTS  
 HONING OF THE BARREL BORE  
 HONING OF VALVE BORE IN ROD EYE  
 REPAIR OF ROD SELAING DIAMETER @ .003 PER SIDE  
 MAXIMUM CHROME PLATING THICKNESS  
 REPAIR OF ROD SEAL GROOVE IN GLAND  
 INSTALLATION OF CUSTOMER SUPPLIED SEAL KITS  
 AND VALVE  
 ASSEMBLY & PRESSURE TESTING OF CYLINDER  
 PAINTING OF CYLINDER

**CUSTOMER SUPPLIED PARTS:**

45021012 GLAND SEAL KIT  
 45021112 PISTON SEAL KIT  
 51569340 COUNTERBALANCE VALVE  
 50137998 O-RING SEAL



**APPROVALS/REVISIONS**

Clerical Accuracy Check \_\_\_\_\_  
 Compared to PO \_\_\_\_\_  
 Project Manager Approval \_\_\_\_\_

\*\*\*\*\* JOB SUMMARY \*\*\*\*\*

LABOR .....	7,032.32
PART SALES .....	4,967.68
SALES TAX AT .. 6.000 %	720.00

1 1/2 NET 30

VENDOR GARROD GIL# 401  
 RECEIVED

\* JOB TOTAL:.. \$12,720.00

APR -1 2021

JOB FU COST CODE 60-80  
 DUE DATE \_\_\_\_\_ DISC \_\_\_\_\_



*Professional Hydraulic Cylinder and Hard Chrome Plating Services*



**INTERNATIONAL CRANE & EQUIPMENT EXCHANGE, INC.**

4300 Little York • HOUSTON, TX 77093  
 TEL (713) 926-1100 • FAX (713) 926-0989

<b>Invoice #</b>	<b>Date</b>
53538	5/24/2017

<b>Order #</b>
51493

<b>Bill To</b>
Belt Cranes 11521 Milnor Avenue Cumberland, MD 21502

<b>Ship To</b>
Belt Cranes 11521 Milnor Avenue Cumberland, MD 21502

<b>P.O. Number</b>	<b>Ordered By</b>	<b>Terms</b>	<b>Ship Via</b>
Email-Bill	Bill	Credit Card	Truck

Part Number	Description	QTY	Unit Price	Ext Price
10434	Relined 500X180x8 Brake Shoe (571479408)	1	250.00	250.00T
11929	Round Rubber Plug for Brake Backing Plate Ref #173	32	3.00	96.00T
14990	Rubber Plug Ref #172	16	3.00	48.00T
7003	Double Coil Brake Return Spring (96851600)	8	10.00	80.00T
7004	Simplex Brake Return Spring (1066946,40008412)	8	10.00	80.00T
7006	Brake Hold Down Spring (95537700)	8	5.00	40.00T
7028	Duplex Dust Boot Kit (571479608, 76234273)	6	60.00	360.00T
7060	500mm Brake Drum (7799273)	8	475.00	3,800.00T
9241	500x160x8 Simplex Brake Shoe (40106012)	8	325.00	2,600.00T
7280	500x180x8 Duplex Brake Shoe (2214700, 1924696, 40076212)	7	325.00	2,275.00T
	Credit Card Fee of 5%		481.45	481.45

MD = 597.74

**PAID**

MAY 26 2017

BY: \_\_\_\_\_

**APPROVALS/REVISIONS**  
 Clerical Accuracy Check \_\_\_\_\_  
 Compared to PO \_\_\_\_\_  
 Project Manager Approval DTM

VENDOR: ESTEN GL# 4000

**RECEIVED**

MAY 26 2017

JOB ELO COST CODE 100-80  
 DUE DATE \_\_\_\_\_ DISC \_\_\_\_\_

<b>Thanks for the order!</b> All orders are subject to our standard terms and conditions, available on our website.  PARTS, SALES & SERVICE FOR EUROPEAN CRANES	<b>Subtotal</b>	\$10,110.45
	<b>Sales Tax (0.0%)</b>	\$0.00
	<b>Total Due (US\$)</b>	\$10,110.45
	<b>Payments/Credits</b>	\$0.00
	<b>Balance Due</b>	\$10,110.45

**POSTED**

- 481.45  
 9,629.00





# Cost Transaction Report

<u>Cost Code Description</u>	<u>Accting Date</u>	<u>Units</u>	<u>Rate</u>	<u>Amount</u>	<u>Job</u>	<u>Cost Code</u>	<u>Cat</u>	<u>Employee</u>	<u>Vendor</u>	<u>Invoice</u>
60-000080-01 1999 DEMAG AC80 Crane										
10-000-M CRANE BOOM-CYLINDER	10-28-11			3,342.57					ALLCRNE	16089232
10-000-M HOSE, RINGS	01-23-12			691.13					COLLIRL	1010
10-000-M BRAKE VALVES,CARTRID	01-23-12			9,373.04					COLLIRL	1098
10-000-M SEAL KITS, O RINGS	01-23-12			10,865.94					COLLIRL	1010-1
10-000-M REASSEMBLE BOOM	02-27-12			2,120.74					ALLCRNE	16092176
10-000-M LUBE	02-27-12			93.50					APPLIND	64579311
10-000-M VALVES,SEALS,RODS,BL	03-30-12			15,220.22					CLEVELB	HS33494
10-000-M WV MVA 1012 RENWL	06-30-12			18.50					HITE	4550
10-000-M S CALL- O RING	08-22-12			173.17					RICEDB	21843
10-000-M AMICK ASSO- STARLIFT	08-27-12			3,797.70	01-4359				BUSINEC	7561-AUC
10-000-M ANNUAL INSPECTION	10-16-12			375.00					CARSONC	109632
10-000-M O RING, S CALL	11-29-12			93.85					RICEDB	31808
10-000-M SWITCH	11-27-12			95.17					COLLIRL	1575
10-000-M GUIDE RAIL,HINGES,BU	11-30-12			1,481.80					COLLIRL	1548
10-000-M 2 BATTERIES	03-14-13			1,131.97					INTERSB	72000364
10-000-M BLOWER MOTOR, BRAKE	02-25-13			4,616.01					COLLIRL	1679-1
10-000-M SWITCH, PLUG	04-23-13			310.62					COLLIRL	1822
10-000-M S CALL, FLAT	05-31-13			93.85					RICEDB	45555
10-000-M SEAT COVER, FOAM	07-31-13			297.95					RISHEQ	16-78024
10-000-M SHOCK	08-28-13			92.19					RISHEQ	16-78151
10-000-M ANNUAL INSPECTIONS	10-11-13			375.00					CARSONC	111229
10-000-M RADIATOR REPAIR	12-20-13			542.72					GARRAUT	36378
10-000-M HOSES, OIL TRNSMTR,	12-31-13			1,334.51					COLLIRL	2191
10-000-M V BELTS	12-31-13			175.25					COLLIRL	2204
10-000-M ALTERNATOR REPAIRS	12-31-13			110.88					WITTMAC	3716
10-000-M FITTING	01-08-14			4.22					APPLIND	64590519
10-000-M PAINT	04-30-14			268.00					HOYMAN	0784-04
10-000-M DIESEL- MT STORM - K	05-27-14			172.00					BUSINEC	5-18-14
10-000-M LUBE	02-28-14			172.11					LUBRICA	IN243236
10-000-M BLOCK FOR OUTRIGGER	03-25-14			178.88					RUBYMAR	78342
10-000-M REPAIRS	07-31-14			449.88					QRSERV	14173
10-000-M travel- cylinders	09-12-14			15.00					PETTYC	091214
10-000-M GAS TANKS PARTS	09-30-14			11.22					FROSTAU	7746
10-000-M ANNUAL INSPECTION	10-13-14			375.00					CARSONC	111937
10-000-M HOSE, FITTINGS	11-30-14			57.77					APPLIND	70038422
10-000-M SEAL PINS	11-30-14			2.57					PENN	3394356
10-000-M FUEL HOSE	11-30-14			86.54					PENN	3394357
10-000-M 8 TIRES	07-31-15			22,667.18					RICETIR	4039157
10-000-M SEAL KIT	08-31-15			445.13					COLLIRL	3195
10-000-M STEERING CYL, KNUCKL	10-21-15			1,538.01					COLLIRL	3295
10-000-M INSPECTION	10-23-15			375.00					CARSONC	112707
10-000-M BLADE	11-30-15			6.55					FROSTAU	46345
10-000-M REPAIRS	12-31-15			135.00					RICETIR	4048365
10-000-M MACH LUBE	02-19-16			86.05					LUBRICA	IN298097
10-000-M MVA- TAGS	03-31-16			125.00					BUSINEC	3-18-16
10-000-M SLAVE CYLINDER	03-31-16			1,142.18					COLLIRL	3558
10-000-M R&R VALVE COVER GASK	04-22-16			1,598.41					PENN	3598060
10-000-M WV TREAS- TAGS	06-30-16			19.50					BUSINEC	6-18-16
10-000-M AIR FILTERS	07-19-16			228.05					POWELLA	5843-1691
10-000-M VALVE ACCUMULATOR, S	08-31-16			1,305.10					COLLIRL	3772
10-000-M FANS	08-31-16			100.78					SOAUTO	5471-460
10-000-M KEROSENE CAN	09-30-16			23.58					L&M	113545
10-000-M ANNUAL INSPECTIONS	11-22-16			375.00					CARSONC	117296
10-000-M FLAME SENSOR	11-30-16			342.53					COLLIRL	3884
10-000-M S CALL	11-30-16			162.00					RICETIR	4074226
10-000-M SWITCH	12-31-16			164.17					COLLIRL	3950
10-000-M FRONT WINDOW	12-31-16			475.66					MLCRANE	pi195058
10-000-M ANNUAL INSPECTION	01-17-17			375.00					CARSONC	117434
10-000-M COUPLINGS	01-20-17			39.42					APPLIND	70095984
10-000-M TUBING	01-20-17			91.99					APPLIND	70095984
10-000-M (Rev)ANNUAL INSPECTI	12-31-16			375.00					CARSONC	117296
10-000-M ROD EYE-CYLINDER,BEA	01-24-17			5,157.33					COLLIRL	3974
10-000-M FILTERS	01-31-17			66.91					APPLIND	70097145
10-000-M FILTERS	01-31-17			30.46					APPLIND	70097145

## Cost Transaction Report

<u>Cost Code Description</u>	<u>Accting Date</u>	<u>Units</u>	<u>Rate</u>	<u>Amount</u>	<u>Job</u>	<u>Cost Code</u>	<u>Cat</u>	<u>Employee</u>	<u>Vendor</u>	<u>Invoice</u>
60-000080-01 1999 DEMAG AC80 Crane										
10-000-M FILTERS	02-28-17			34.60					APPLIND	70099313
10-000-M FUEL CARTRIDGES	04-20-17			42.95					FROSTAU	86427
10-000-M 2 FUEL TANKS	04-30-17			13,361.99					COLLIRL	4094
10-000-M FLAT REPAIR	04-30-17			177.85					RICETIR	4084588
10-000-M BRAKES,PLUGS,DRUMS	05-26-17			10,206.74					INTERNA	53538
10-000-M PLUGS	05-31-17			102.53					APPLIND	70104344
10-000-M TEMP SWITCH,SIDE MRK	05-31-17			1,159.05					COLLIRL	4108
10-000-M HYDR OIL FILTERS,VAL	05-31-17			812.44					MLCRANE	P1950660
10-000-M S CALL, ORING	05-31-17			177.85					RICETIR	4088589
10-000-M WV- REWAL DECAL	06-30-17			19.50					BUSINEC	6-18-17
10-000-M BRAKE EXPANDERS	06-30-17			2,510.32					INTERNA	53609
10-000-M S CALL- O RING	07-31-17			177.85					RICETIR	4092369
10-000-M T CLAMPS	09-15-17			15.14					CHPTRK	10029
10-000-M T CLAMPS	09-30-17			18.92					CHPTRK	10160
10-000-M LUBE	10-17-17			107.41					APPLIND	70116510
10-000-M GUAGE	11-13-17			68.39					APPLIND	70118957
10-000-M ANNUAL INSPECTION	11-30-17			400.00					CARSONC	118260
10-000-M BUMPER	12-29-17			250.63					ATKINSW	18636
10-000-M SIDE MARKERS,TAIL LI	12-31-17			679.44					MLCRANE	S1111691
10-000-M LICENSE KIT	01-31-18			37.76					CHPTRK	11615
10-000-M GUAGE, SLIDER	05-11-18			2,184.84					MLCRANE	S1000126
10-000-M OIL PRESSURE SWITCH	05-21-18			426.41					MLCRANE	S1000127
10-000-M WV TREAS- REGR	06-28-18			19.50					BUSINEC	6-18-18
10-000-M FITTINGS	07-31-18			51.61					APPLIND	70139330
10-000-M LED LICENSE BULB	07-31-18			54.46					CHPTRK	13609
10-000-M TREMCO CAULKING	08-27-18			126.50					GLASSVC	GSC0126
10-000-M EXPANSION TANK	08-27-18			811.07					MLCRANE	S1000159
10-000-M BATTERIES	09-12-18			428.13					INTERSB	65001578
10-000-M ANNUAL INSPECTIONS	09-30-18			400.00					CARSONC	119001
10-000-M S CALL	10-31-18			182.00					RICETIR	4127416
10-000-M SWITCH	01-28-19			119.05					MLCRANE	S1000222
10-000-M S CALL	07-31-19			209.85					RICETIR	4149281
10-000-M ANNUAL INSPECTION	10-15-19			442.86					CARSONC	119941
10-000-M AMAZON- SOCKET	11-30-19			37.08					BUSINEC	11-19-19
10-000-M WIPERS	11-30-19			81.41					FROSTAU	15451-14
10-000-M FITTINGS	09-30-20			25.13					APPLIND	70198873
10-000-M CABLE, GAUGE	11-30-20			4,711.04					MLCRANE	S1000399
10-000-M REPAIR KIT	12-31-20			92.88					MLCRANE	S1000400
10-000-M S CALL, O RING	01-29-21			331.99					RICETIR	4192084
10-000-M S CALL	02-28-21			57.10					RICETIR	4192481
10-000-M SEAL KITS, BRAKE VAL	02-28-21			18,748.15					COLLIRL	5695
10-000-M VALVES	02-28-21			1,460.86					COLLIRL	5812
10-000-M OCT 2020 INSPECTION	03-19-21			400.00					CARSONC	130573
10-000-M IPD BEDFORD- PAINT	03-26-21			2,010.24					BUSINEC	3-18-21
10-000-M PAINT	03-31-21			59.00					COLOURS	4628931
10-000-M ROLL PLASTIC	03-31-21			100.69					LOWESHM03836	
10-000-M REP TELESCOPE CYLIND	03-31-21			29,415.00					GARRODH91874	
10-000-M TELESCOPE CYLINDER	03-31-21			12,720.00					GARRODH91875	
10-000-M FASTENERS	02-22-21			57.75					APPLIND	70208243
10-000-M BRENNAN D2408	02-22-21			305.20					APPLIND	70208273
10-000-M GEAR SHIELD	03-23-21			97.00					APPLIND	70210540
10-000-M EXTENDING ROPES,SLID	03-29-21			17,766.20					COLLIRL	5709
10-000-M PAINT THINNER	04-13-21			143.67					COLOURS	4639195
10-000-M LUBE SPRAY	04-19-21			245.77					APPLIND	70212513
10-000-M PAINT	04-19-21			678.18					COLOURS	4651138
10-000-M RESPIRATORS	04-23-21			575.50					AIRGASU	91123188
10-000-M PST BLAST ONE- SAND	04-27-21			2,562.45					BUSINEC	4-18-21
10-000-M S CALL, O RINGS	04-29-21			1,320.33					RICETIR	4198735
10-000-M PAINT	05-12-21			471.67					COLOURS	4672576
10-000-M CHAIN LUBE	05-14-21			75.86					APPLIND	70214840
10-000-M BULBS, CABLE, CLAMPS	05-20-21			4,849.16					COLLIRL	5837
10-000-M MIXING CUPS	05-20-21			78.44					COLOURS	4686843
10-000-M AIR RESEVOIR, SOCKET	05-20-21			836.57					MLCRANE	S1000425
10-000-M MOISTURE GRABBERS	05-20-21			14.82					NAYLORS	870005

# Cost Transaction Report

<u>Cost Code Description</u>	<u>Accting Date</u>	<u>Units</u>	<u>Rate</u>	<u>Amount</u>	<u>Job</u>	<u>Cost Code</u>	<u>Cat</u>	<u>Employee</u>	<u>Vendor</u>	<u>Invoice</u>
60-000080-01 1999 DEMAG AC80 Crane										
10-000-M SHEAVE	08-31-21			968.97						
10-000-M CERTIFICATION	08-31-21			500.00					COLLIRL	5994
<b>10-000 Cost Code Total</b>		<b>.00*</b>		<b>289,236.59*</b>					MDCRANE	536
20-000-M SME Tag AC80	02-21-14			125.00					MVA	AC80 3/14
50-000-M AC80 tags - Due to H	06-16-11			18.50					HITE	AC80 wwt
60-000080-03 DEMAG AC80 CRANE										
10-000-M REGISTRATION RENEWAL	03-05-10			125.00					MVA	REGSRT-
10-000-M EQ Maint	02-28-17			879.88					BELTINC	34368
10-000-M EQ Maint	01-12-18			62.09					UNITEDR	15340354
10-000-M EQ Maint	03-31-18			187.64					BELTINC	35982
10-000-M EQ Maint	08-31-19			349.87					BELTINC	38090
10-000-M EQ Maint	04-30-20			655.06					BELTINC	38565
10-000-M EQ Maint	06-30-20			62.13					BELTINC	38667
<b>10-000 Cost Code Total</b>		<b>.00*</b>		<b>2,321.67*</b>						
50-000-M WV License Fee	05-27-09			18.50					WVMOTORAC80	
<b>Report Total</b>				<b>291,720.26*</b>						

M = Memo Cost