

Ship To:

Invoice To:

Branch		
Date 05/23/19	Time 22:00:47 (B)	Page 03
Account No.	Phone No.	Invoice No.
Ship Via		Purchase Order
Tax ID No.		
Terms		Salesperson

# SERVICE INVOICE

STK#/FLEET#	HRS	PIN/EIN	WARRANTY DATE	HRS
E006746	HG4000 HORIZONTAL	1641	1VRC312H6E1000146	
	HG4000			

Tech then function tested machine again and found the infeed chain would still stop every 6-8 feet using only the hydraulic power of machine. After further inspection of the infeed chain; tech found several siezed pins and cracked welds in chain plate hinges; decision was made to replace the infeed chain at this time. Tech started removal of infeed chain guards and heads of allan bolts to be worn flat (labor to extract bolts in segment 17); tech extracted all bolts; removed infeed chain guards; used cutting torch to cut existing infeed chain into pieces for removal; removed existing infeed chain; assembled new infeed chain on machine in 4ft sections; re-installed infeed chain guards and attached with new allan head bolts; adjusted chain tension as needed. Function tested; working normally.

\*\*\*\*\*

Misc Charge for Welding Supplies

## ADDITIONAL DESCRIPTION:

1. 3L00 - Frame Labor (3L00V)
2. 3641 - Infeed Chain Assembly R&R CMP (3641V)

Quantity

FRT	FRT NDA	1
163704627	INFEED CHAIN AS	RETAIL
		1 N
180007769	SCREW-SBHCS-.50	RETAIL
		60 N

PARTS  
LABOR

CONTINUED ON PAGE 04

Ship To:

Invoice To:

Branch		
VRC		
Date	Time	Page
05/23/19	22:00:47 (B)	04
Account No.	Phone No.	Invoice No.
Ship Via	Purchase Order	
Tax ID No.		
Terms	Salesperson	

### SERVICE INVOICE

STK#/FLEET#	HRS	PIN/EIN	WARRANTY DATE	HRS
E006746		1641 1VRC312H6E1000146		
HG4000 HORIZONTAL				
HG4000				
12010004			SEGMENT TOTAL==>	23706.50

SEGMENT# 5 C INTER 3371V	03/01/19 04/01/19	
3371 - Belt Loadout Conveyor - R&R		8.25 HRS

COMPLAINT:

05 - (MG) Discharge/loadout conveyor belt is extremely worn and damaged

CAUSE:

Discharge conveyor is worn/damaged.

CORRECTION:

Tech removed conveyor belt splice with die grinder; rolled new conveyor belt out and attached to existing belt with chains so that new belt would follow existing belt through machine for ease of installation; once new belt reached bottom rollers the old belt came apart causing tech to have to feed new conveyor belt in machine manually (by hand). Tech then spliced new belt and adjusted belt tension; tech used existing marks on tension plates and tape measure to adjust belt but after adjustment was complete the conveyor belt would walk to one side. Tech ran both adjusting bolts all the back in; inspected rollers for any damage or excessive wear; re-adjusted conveyor belt as needed. Function tested; working normally.

1500001	SET COLLAR - 1/	RETAIL
		2
163704304	BELT-V CLEAT-71	RETAIL
		1 N
189099107	BRAKE CLEANER	2

PARTS  
LABOR

CONTINUED ON PAGE 05

Ship To:

Invoice To:

Branch		
Date 05/23/19	Time 22:00:47 (B)	Page 09
Account No.	Phone No.	Invoice No.
Ship Via	Purchase Order	
Tax ID No.		
Terms	Salesperson	

### SERVICE INVOICE

STK#/FLEET#		HRS	PIN/EIN	WARRANTY DATE	HRS
E006746	HG4000 HORIZONTAL HG4000	1641	1VRC312H6E1000146		

CAUSE:

Drive motor is leaking.

CORRECTION:

Tech drilled and extracted one mounting bolt for removal of drive motor; removed failed drive motor; removed coupler and mounting bracket; straightened mounting bracket and painted; installed coupler and mounting bracket on new drive motor; installed drive motor on machine as needed.

Function tested; working normally.

ADDITIONAL DESCRIPTION:

1. 4L00 - HYDRAULIC LABOR (4L00V)	2.00
2. 4644 - Loadout Hydraulic Motor R&R CMP (4644V)	2.00

=====

Quantity	x1
	=====
	4.00

FRT	FRT GND	1
163704264	MOTOR-HYD-19 CI	RETAIL
		1 N

PARTS

LABOR

12010004

SEGMENT TOTAL==> 1881.53

SEGMENT#14 C INTER MULTIPLE 03/01/19 04/22/19

4635 - Cylinder Deflector Cylinder R&R

3.50 HRS

COMPLAINT:

14 - (MG) TOD lift cylinder is leaking. Replace cylinder as needed.

CAUSE:

Cylinder is leaking.

CONTINUED ON PAGE 10

Ship To:

Invoice To:

Branch OKC		
Date 05/23/19	Time 22:00:47 (B)	Page 11
Account No.	Phone No.	Invoice No.
Ship Via		Purchase Order
Tax ID No.		
Terms		Salesperson

# SERVICE INVOICE

STK#/FLEET#		HRS	PIN/EIN	WARRANTY DATE	HRS
E006746	HG4000 HORIZONTAL	1641	1VRC312H6E1000146		
	HG4000				

extracted all siezed bolts (see seg 17); installed new wear strips, plates, and hardware as needed. Function tested; working normally.

## ADDITIONAL DESCRIPTION:

1. 3368 - Wear Strips Plates/ Belly Conveyor	6.00
R&R CMP (3368V)	
2. 3369 - Infeed Wear Strips R&R CMP (3369V)	6.00
	=====
Quantity	x1
	=====
	12.00

FRT		1	
FRT	FRT GND	1	
FRT	FRT NDA	1	
0600000	BRAKE CLEANER	2	
148577001	CLIP - OFFSET W	RETAIL	
		56 N	
163683322	UHMW-INFEED TAB	RETAIL	
		1 N	
163683379	UHMW-BELT GUIDE	RETAIL	
		4 N	
163683380	UHMW-INFEED CHA	RETAIL	
		2 N	
163722754	UHMW-INFEED FLO	RETAIL	
		1 N	
3/8-16-.75	3/8-16 X 3/4	56	
			PARTS
			LABOR
12010004		SEGMENT TOTAL==>	4623.54

CONTINUED ON PAGE 12

Ship To:

Invoice To:

Branch		
Date	Time	Page
05/23/19	22:00:47 (B)	14
Account No.	Phone No.	Invoice No.
Ship Via	Purchase Order	
Tax ID No.		
Terms	Salesperson	

### SERVICE INVOICE

STK#/FLEET#		HRS	PIN/EIN	WARRANTY DATE	HRS
E006746	HG4000 HORIZONTAL	1641	1VRC312H6E1000146		
	HG4000				
			PARTS		
			LABOR		
			SUBLET		
			ENVIROMENTAL		
			OUTSIDE LABOR		
			WELDING SUPPLIE		
			INTERNAL TOTAL		43218.07

**Invoice To:**

Branch		
Date 09/03/19	Time 22:00:39 (B)	Page 08
Account No.	Phone No.	Invoice No.
Ship Via	Purchase Order	
Tax ID No.		
Terms	Salesperson	

## SERVICE INVOICE

STK#/FLEET#		HRS	PIN/EIN	WARRANTY DATE	HRS
E006746	HG4000 HORIZONTAL	1659	1VRC312H6E1000146		
	HG4000				

Tech adjusted mill speed magnetic pickup as needed.  
Function tested; working normally.

FRT			1	
163628352	SWITCH-PROX 18	RETAIL		
		1 N		
			PARTS	
			LABOR	
		SEGMENT TOTAL==>		271.88

## \*\*\*\*\* WORK ORDER TOTALS \*\*\*\*\*

	INTERNAL	CUSTOMER
PARTS		
LABOR		
SUBLET		
ENVIROMENTAL		
INTERNAL TOTAL	15810.74	

Ship To:

Invoice To:

Branch		
Date 09/03/19	Time 22:00:38 (B)	Page 03
Account No.	Phone No.	Invoice No.
Ship Via		Purchase Order
Tax ID No.		
Terms		Salesperson

# SERVICE INVOICE

STK#/FLEET#		HRS	PIN/EIN	WARRANTY DATE	HRS
E006746	HG4000 HORIZONTAL HG4000	1685	1VRC312H6E1000146		

the process of removing the hammer a variety of techniques were used to remove including; the use of air hammer, penetrating oil, heating assembly; contacted factory for advise in removal, removed assembly by torching the components out of the drum; cleaned assembly of any nicks for reassembly, and welded up drum; assembled hammer, torqued; tech R & R all teeth for drum; tech straightened anvil, welded; after further diagnoses determined assembly needed to be replaced; tech R & R screen stops; tech R & R screens

## ADDITIONAL DESCRIPTION:

1. 0000 - Diagnostic (0000V)	1.00
2. 6026 - Hammer Assembly (each) R&R CMP (6026V)	2.00
3. C045 - Hammer (all) R&R (C045V)	4.00
4. 6L20 - R&R Screen Stops	1.50
5. 6L20 - R&R Screen	1.00
6. 6L20 - Additional Labor for 6026v	32.75
FRT	FRT NDA 1
SUBLETP	BOLTS AND NUTS 1
163632345	BARREL NUT-5/8- RETAIL 2 N
163635589	HAMMER - 31in D RETAIL 1 N
163679762	RAIL-SCREEN ADJ RETAIL 1 N
163694696	SCREEN-4" SQUAR RETAIL 1 2 N
180008936	NUT-SMFLGTL-.88 RETAIL 36
180012780	BLOCK-HAMMER BA RETAIL

CONTINUED ON PAGE 04

Ship To:

Invoice To:

Branch		
Date 09/03/19	Time 22:00:38 (B)	Page 04
Account No.	Phone No.	Invoice No.
Ship Via		Purchase Order
Tax ID No.		
Terms		Salesperson

### SERVICE INVOICE

STK#/FLEET#		HRS	PIN/EIN	WARRANTY DATE	HRS
E006746	HG4000 HORIZONTAL HG4000	1685	1VRC312H6E1000146		
				2 N	
180018204	ASSEMBLY - WEDG			RETAIL	
				2 N	
1809013	NUT-SMFLGTL-.63			RETAIL	
				2	
250513001	NUT - 5/8NC GR8			RETAIL	
				2 N	
296300802	SCREW-HFS-.63-1			RETAIL	
				7 N	
296300803	SCREW HFS .6311			RETAIL	
				4 N	
296371054	TIP-BLOCK 7/8"			RETAIL	
				18	
5/8 F/W	5/8 FLAT WASHER			7	
5/8-11-2	5/8-11 X 2			7	
507613040	SCREW-HFS,M12-1			RETAIL	
				3	
510306070	SCREW HCS .63 1			RETAIL	
				2 N	
510311130	BOLT CARG .63 1			4 N	
521030	3/4-10X3"SKT.HD			RETAIL	
				2 N	
606160001	BOLT - 7/8-9X6			RETAIL	
				36	
				PARTS	
				LABOR	
				SUBLET	
10100001	49350404			SEGMENT TOTAL==>	9032.35

05/16/19 05/16/19

CONTINUED ON PAGE 05