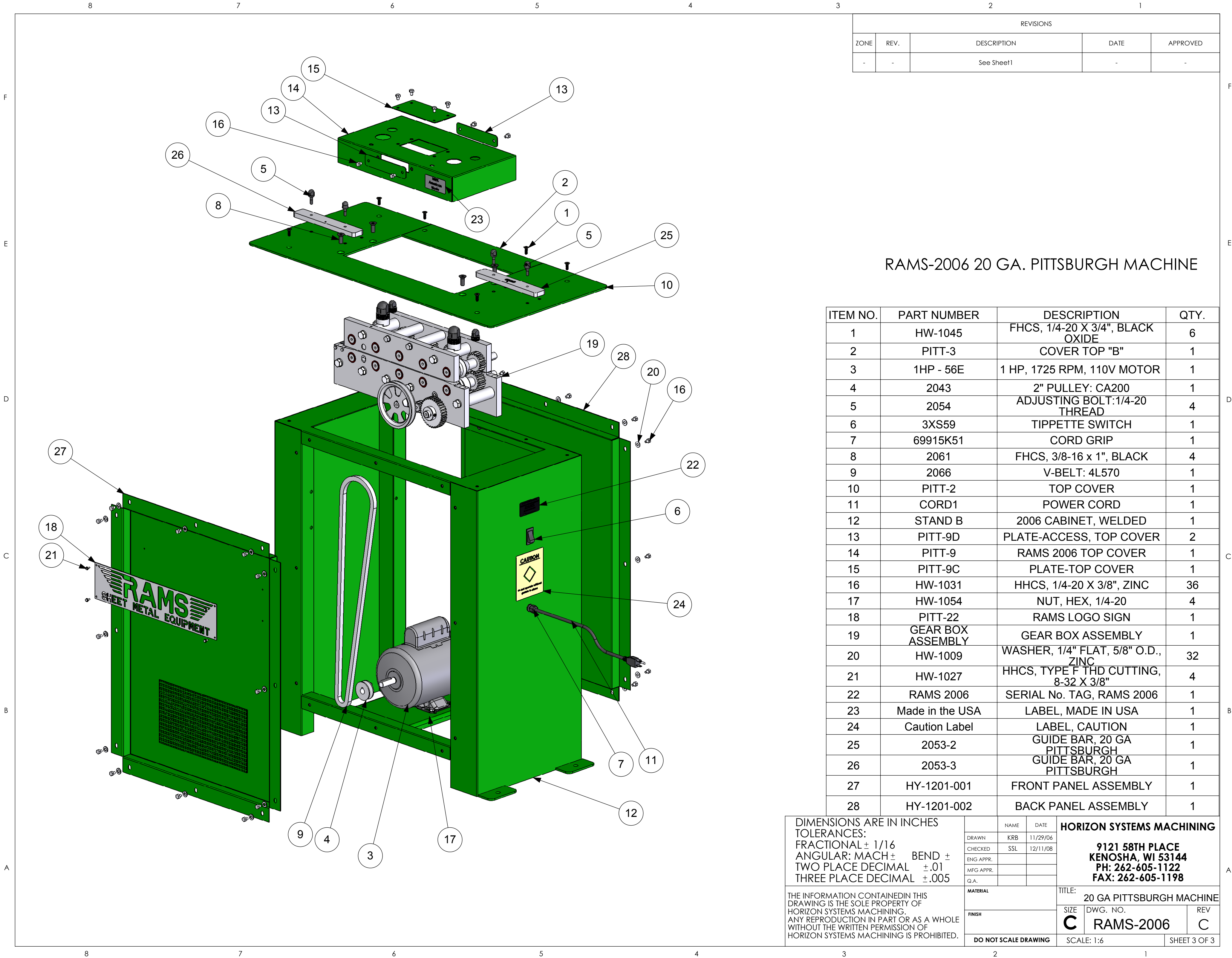




| REVISIONS |      |             |      |          |
|-----------|------|-------------|------|----------|
| ZONE      | REV. | DESCRIPTION | DATE | APPROVED |
| -         | -    | See Sheet1  | -    | -        |

RAMS-2006 20 GA. PITTSBURGH MACHINE

| ITEM NO. | PART NUMBER       | DESCRIPTION                           | QTY. |
|----------|-------------------|---------------------------------------|------|
| 1        | HW-1045           | FHCS, 1/4-20 X 3/4", BLACK OXIDE      | 6    |
| 2        | PITT-3            | COVER TOP "B"                         | 1    |
| 3        | 1HP - 56E         | 1 HP, 1725 RPM, 110V MOTOR            | 1    |
| 4        | 2043              | 2" PULLEY: CA200                      | 1    |
| 5        | 2054              | ADJUSTING BOLT:1/4-20 THREAD          | 4    |
| 6        | 3XS59             | TIPPETTE SWITCH                       | 1    |
| 7        | 69915K51          | CORD GRIP                             | 1    |
| 8        | 2061              | FHCS, 3/8-16 x 1", BLACK              | 4    |
| 9        | 2066              | V-BELT: 4L570                         | 1    |
| 10       | PITT-2            | TOP COVER                             | 1    |
| 11       | CORD1             | POWER CORD                            | 1    |
| 12       | STAND B           | 2006 CABINET, WELDED                  | 1    |
| 13       | PITT-9D           | PLATE-ACCESS, TOP COVER               | 2    |
| 14       | PITT-9            | RAMS 2006 TOP COVER                   | 1    |
| 15       | PITT-9C           | PLATE-TOP COVER                       | 1    |
| 16       | HW-1031           | HHCS, 1/4-20 X 3/8", ZINC             | 36   |
| 17       | HW-1054           | NUT, HEX, 1/4-20                      | 4    |
| 18       | PITT-22           | RAMS LOGO SIGN                        | 1    |
| 19       | GEAR BOX ASSEMBLY | GEAR BOX ASSEMBLY                     | 1    |
| 20       | HW-1009           | WASHER, 1/4" FLAT, 5/8" O.D., ZINC    | 32   |
| 21       | HW-1027           | HHCS, TYPE F THD CUTTING, 8-32 X 3/8" | 4    |
| 22       | RAMS 2006         | SERIAL No. TAG, RAMS 2006             | 1    |
| 23       | Made in the USA   | LABEL, MADE IN USA                    | 1    |
| 24       | Caution Label     | LABEL, CAUTION                        | 1    |
| 25       | 2053-2            | GUIDE BAR, 20 GA PITTSBURGH           | 1    |
| 26       | 2053-3            | GUIDE BAR, 20 GA PITTSBURGH           | 1    |
| 27       | HY-1201-001       | FRONT PANEL ASSEMBLY                  | 1    |
| 28       | HY-1201-002       | BACK PANEL ASSEMBLY                   | 1    |

DIMENSIONS ARE IN INCHES  
TOLERANCES:  
FRACTIONAL ± 1/16  
ANGULAR: MACH ±     BEND ±  
TWO PLACE DECIMAL    ± .01  
THREE PLACE DECIMAL ± .005

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF HORIZON SYSTEMS MACHINING. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF HORIZON SYSTEMS MACHINING IS PROHIBITED.

|           |     |          |
|-----------|-----|----------|
| DRAWN     | KRB | 11/29/06 |
| CHECKED   | SSL | 12/11/08 |
| ENG APPR. |     |          |
| MFG APPR. |     |          |
| Q.A.      |     |          |

|                      |  |
|----------------------|--|
| MATERIAL             |  |
| FINISH               |  |
| DO NOT SCALE DRAWING |  |

**HORIZON SYSTEMS MACHINING**  
  
**9121 58TH PLACE  
KENOSHA, WI 53144  
PH: 262-605-1122  
FAX: 262-605-1198**

|                                 |                  |              |
|---------------------------------|------------------|--------------|
| TITLE: 20 GA PITTSBURGH MACHINE |                  |              |
| SIZE                            | DWG. NO.         | REV          |
| <b>C</b>                        | <b>RAMS-2006</b> | <b>C</b>     |
| SCALE: 1:6                      |                  | SHEET 3 OF 3 |

| ITEM NO. | PART NUMBER       | DESCRIPTION                   | Default/QTY. |
|----------|-------------------|-------------------------------|--------------|
| 1        | 2001              | T1 ROLLER GEAR                | 1            |
| 2        | 2002              | T2 ROLLER GEAR                | 1            |
| 3        | 2003              | T3 ROLLER GEAR                | 1            |
| 4        | 2004              | T4 ROLLER GEAR                | 1            |
| 5        | 2005              | T5 ROLLER GEAR                | 1            |
| 6        | 2006              | B1 ROLLER GEAR                | 1            |
| 7        | 2007              | B2 ROLLER GEAR                | 1            |
| 8        | 2008              | B3 ROLLER GEAR                | 1            |
| 9        | 2009              | B4 ROLLER GEAR                | 1            |
| 10       | 2010              | B5 ROLLER GEAR                | 1            |
| 11       | 2011              | IDLER ROLLER                  | 1            |
| 12       | 2012              | IDLER ROLL PIN                | 2            |
| 13       | 2013              | IDLER ROLLER                  | 1            |
| 14       | 2014              | IDLER GEAR                    | 3            |
| 15       | 2015              | IDLER GEAR (LARGE)            | 1            |
| 16       | 2016              | PLAIN SPACER                  | 2            |
| 17       | 2017              | PLAIN SPACER (DRILLED)        | 2            |
| 18       | 2018              | STEPPED SPACER #1 (TAPPED)    | 1            |
| 19       | 2019              | STEPPED SPACER #2 (TAPPED)    | 1            |
| 20       | 2020              | STEPPED SPACER #3             | 2            |
| 21       | 2021              | SADDLE WASHER                 | 2            |
| 22       | 2022              | DRIVE GEAR                    | 2            |
| 23       | 2023              | #1 DRIVE SHAFT                | 1            |
| 24       | 2024              | #2 DRIVE SHAFT                | 1            |
| 25       | 2025              | #3 DRIVE SHAFT                | 1            |
| 26       | 2026              | TOP PLATE (FRONT)             | 1            |
| 27       | 2027              | TOP PLATE (BACK)              | 1            |
| 28       | 2028              | BOTTOM PLATE (BACK)           | 1            |
| 29       | 2029              | BOTTOM PLATE (FRONT)          | 1            |
| 30       | 2031              | OPENING ROLLER                | 1            |
| 31       | 2032              | HHCS, 1/2-13 x 1 1/2"         | 15           |
| 32       | 2034              | 1/2-13 X 1" LONG SHCS         | 1            |
| 33       | 2033              | 1/2" LOCK WASHER              | 15           |
| 34       | 2035              | SET SCREW, 1/4-20 X 5/16"     | 2            |
| 35       | 2039              | SPACER                        | 2            |
| 36       | 2040              | SET SCREW, 5/16-18 X 3/8"     | 5            |
| 37       | 2041              | WOODRUFF KEY 606              | 3            |
| 38       | 2042              | PULLEY                        | 1            |
| 39       | 2044              | NEEDLE BEARING # B-1412       | 20           |
| 40       | 2045              | NEEDLE BEARING # BH-1412      | 3            |
| 41       | 2046              | NEEDLE BEARING #JTT-1210      | 6            |
| 42       | 2049              | ADJUSTING BOLT: 5/8-11 THREAD | 2            |
| 43       | 2052              | ADJUSTING BOLT:3/8-16 THREAD  | 2            |
| 44       | 2068              | NEEDLE BEARING # BH-1416      | 1            |
| 45       | 2069              | NEEDLE BEARING # BH-1012      | 2            |
| 46       | 2070              | TOP SPACER                    | 2            |
| 47       | DPM 0.375x1       | DOWEL PIN 3/8 DIA X 1 LONG    | 2            |
| 48       | SPACER            | SPACER-SIDE PLATE             | 2            |
| 49       | N/A               | LARGE BELVILLE WASHER         | 2            |
| 50       | N/A               | SMALL BELVILLE WASHER         | 2            |
| 51       | N/A               | HHMS, 10-32 X 1.25            | 2            |
| 52       | N/A               | WASHER, LOCK, 3/8"            | 4            |
| 53       | N/A               | HHCS, 3/8-16 X 1.25           | 4            |
| 54       | OPEN ROLL BRACKET | OPEN ROLL BRACKET ASSY        | 1            |
| 55       | SP-1001           | LEE SPRING, LC 059H 01 M      | 1            |

