

GAS INNOVATIONS

STEEL MILL PLATE CUTTING PROPYLENE



4-1,000 GALLON TANKS INSTALLED AND PIPED INTO PLANT



SIMAX 5 DRY TYPE FLASHBACK ARRESTOR INSTALLED. ELIMINATED HYDRAULIC FLUID STYLE



NEW OFSHX-6 PROPYLENE TIP, NO PREHEAT REQUIRED ON HIGH NICKEL 6.5" STEEL USING PROPYLENE



INCREASED SPEED FROM 4 IPM TO 6.5 IPM ON 8" PLATE COLD CUTTING



HIGH NICKEL STEEL CLEAN CUT WITH SQUARE CORNERS NO ROLL-OVER AND SLAG FREE CUTS



6 TIP CUTTING 8" STEEL



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STEEL MILL PLATE CUTTING WITH PROPYLENE GEARTEETH CUTTING



INCREASED GEAR TEETH PRODUCTION FROM 12 PER DAY TO 24 PER DAY CUTTING ON 6.5" PLATE INCREASED SPEED FROM 5 IPM TO 10 IPM USING PROPYLENE. ALSO INCREASED 2" PLATE CUTTING FROM 9" TO 14" IPM CLEAN SQUARE CUTS. REDUCED SMOKE ON MULTIPLE BURNING MACHINES



SCRAP CUTTING WITH PROPYLENE IN FREEZING TEMPERATURES. INSTANT PREHEAT AND RAPID CUTTING INCREASED SCRAP TONNAGE PER DAY. CONNECTED TORCHES TO 105 LB PROPYLENE TANKS BUT WITH 435 LB TANKS MULTIPLE OPERATORS CAN WORK FROM ONE TANK. NOTICE THE ABSENCE OF SMOKE.

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STEEL MILL SCRAP CUTTING WITH PROPYLENE



SCRAP CUTTING WITH PROPYLENE IN FREEZING TEMPERATURES. INSTANT PREHEAT AND RAPID CUTTING INCREASED SCRAP TONNAGE PER DAY WITH REDUCED SMOKE.

COIL CUTTING 32 + INCHES WITH PROPYLENE



- INCREASED CUTTING SPEED FROM 4" IPM TO OVER 10" IPM WITH PROPYLENE
- 60+ % IMPROVEMENT OVER PROPANE
- REDUCED FUEL PRESSURE FROM 80 TO 20 PSI
- ELIMINATED FUEL GAS HEATER
- REDUCED KERF WIDTH BY APPROXIMATELY 2 + "