

BLAST FURNACE TROUGH PROFILING UTILIZING KT-GRANT EQUIPMENT



After extensive research and prototyping, KT-Grant has developed a profile grinding head attachment, to “dress” the walls of the Blast Furnace troughs. Taking advantage of the latest technology available, special profiling drum has carbide tipped teeth and a conical end, that can easily reach into tight corners and narrow spaces to follow the runner trough contour.

The Profiler has been designed to incorporate interchangeable quick coupling cutting drums. The cutting drums simply “plug” into a motor driven, heavy duty, gear reduction hub. Each profiler is equipped with several cutting drums. This feature allows the operator to quickly switch a drum with worn teeth with a new, fresh drum. The operator can then continue grinding with the new drum, until the job is finished. After the profiling operation is completed, the drum can be serviced, and the worn teeth replaced new sharp carbide tipped teeth.



With the success of KT-Grant’s trough profiling method, it has set a new industry standard to gauge runner trough maintenance practices

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