

GROMAX

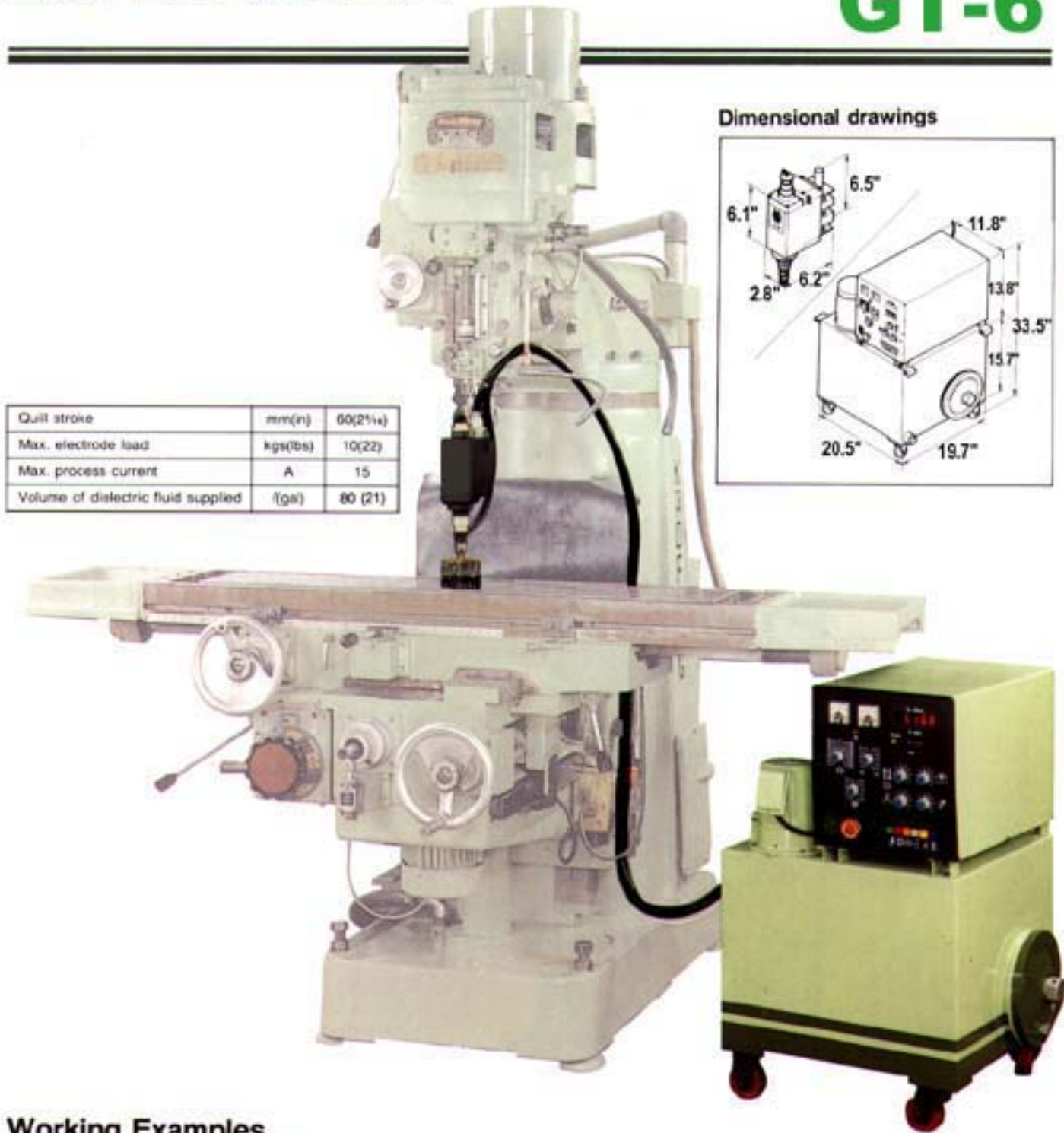
TOOL GT-6 TYPE



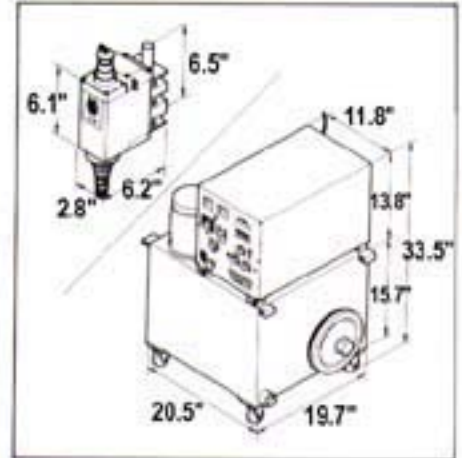
Electric Discharge Machining Device

STANDARD OUT SHAPE AND DIMENSIONS

GT-6

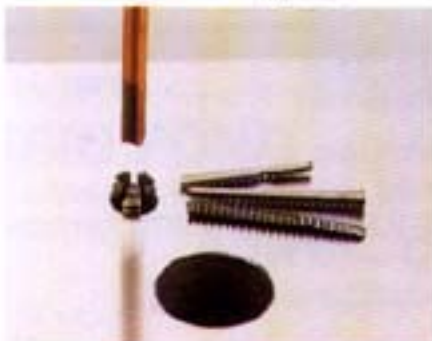


Dimensional drawings



Quill stroke	mm(in)	60(2 1/4)
Max. electrode load	kgs(lbs)	10(22)
Max. process current	A	15
Volume of dielectric fluid supplied	(gal)	80 (21)

Working Examples



★ All specifications and designs are subject to change without notice.

FUNCTIONS FEATURES AND APPLICATIONS

GT-6

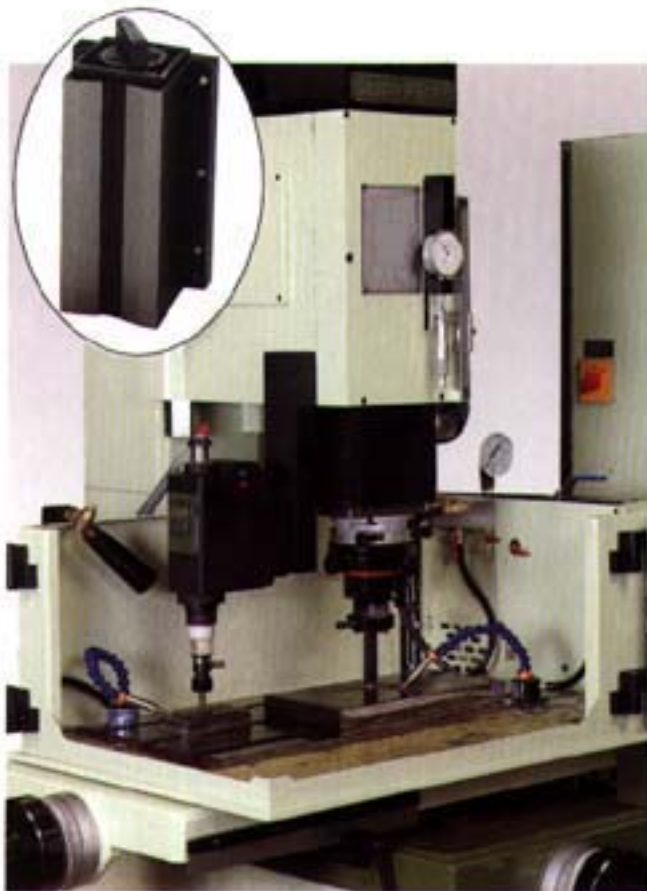
Functions and Features

This device can accomplish functions as an E.D.M.

Extra Applications of Optional Accessories

The basic E.D.M. device-ALIC-1 can be held on to spindle which possesses a collet chuck direct. By means of Z and X. Y Axis of machine tool itself, this device will become an E.D.M.

Also a wide range of extra applications can be done by adopting optional accessories.



Parallel Magnetic Base

If the machine tool itself possesses no spindle equipped with collet chuck, for examples, grinding machines, or the original E.D.M. adds to one extra workhead and becomes two sets E.D.M., then one PARALLEL MAGNETIC BASE will be considered to adopt.



Fluid Returnable Plate

In case the machine tool itself has been equipped with no fluid returnable work table, for example, the radial drill machine than the FLUID RETURNABLE PLATE can be chosen to add to the original work table for the sake of EDMing operation.

FUNCTIONS FEATURES AND APPLICATIONS

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Portable Magnetic Base

In case the work piece is very big, and can not be machined by conventional E.D.M., then additional PORTABLE MAGNETIC BASE can be adopted to enable the E.D.M. device to place on the big size work piece which needs machining everywhere.



Three Axes Slide Assembly

Adopting the E.D.M. device on to a THREE AXES SLIDE ASSEMBLY and installed to a FLUID RETURNABLE PLATE and then, they are composed of a mini type E.D.M.. This is an excellent option for schools. If the full fluid is needed in machining, any kind shape of seal ring can be adopted to achieve this goal. In case there is a possibility of catching fire while machining, it is recommended that the full fluid is necessary to be applied.



Adjustable Electrode Holder

The ADJUSTABLE ELECTRODE HOLDER can be added for horizontal and angular adjustment of electrode.

STANDARD FEATURES AND CONSTRUCTION

GT-6

■ Control Panel

Control panel layout is designed for ease of operation and maintenance.

- | | |
|--|--|
| 1. Average current indicator | 12. Quill downward(-) setting/ABS position |
| 2. Gap voltage indicator | 13. Quill upward(+) setting/Depth machined |
| 3. On time | 14. Display mode selector |
| 4. Off time | 15. Working time selector |
| 5. Ampere selection | 16. Servo speed selector |
| 6. Main power-supply/Emergency stop switch | 17. Gap voltage selector |
| 7. Current on/off switch | 18. Ram rapid traverse on |
| 8. Power and dielectric off switch | 19. Ram cyler on/off |
| 9. Dielectric on switch | 20. High voltage current on/off switch |
| 10. Z Axis display in address | 21. ARC indicator |
| 11. Display reset | |

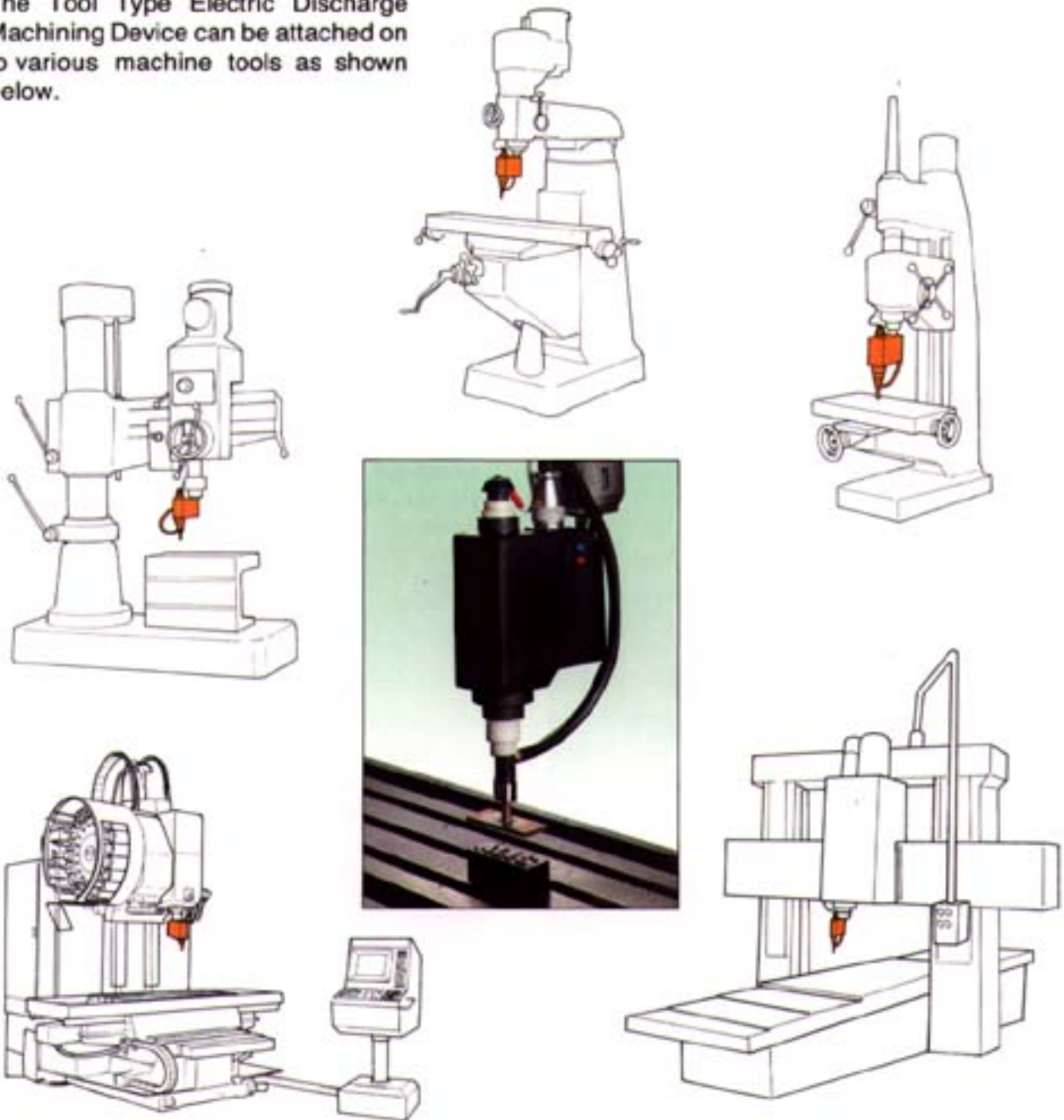


Working Examples



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The Tool Type Electric Discharge Machining Device can be attached on to various machine tools as shown below.



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