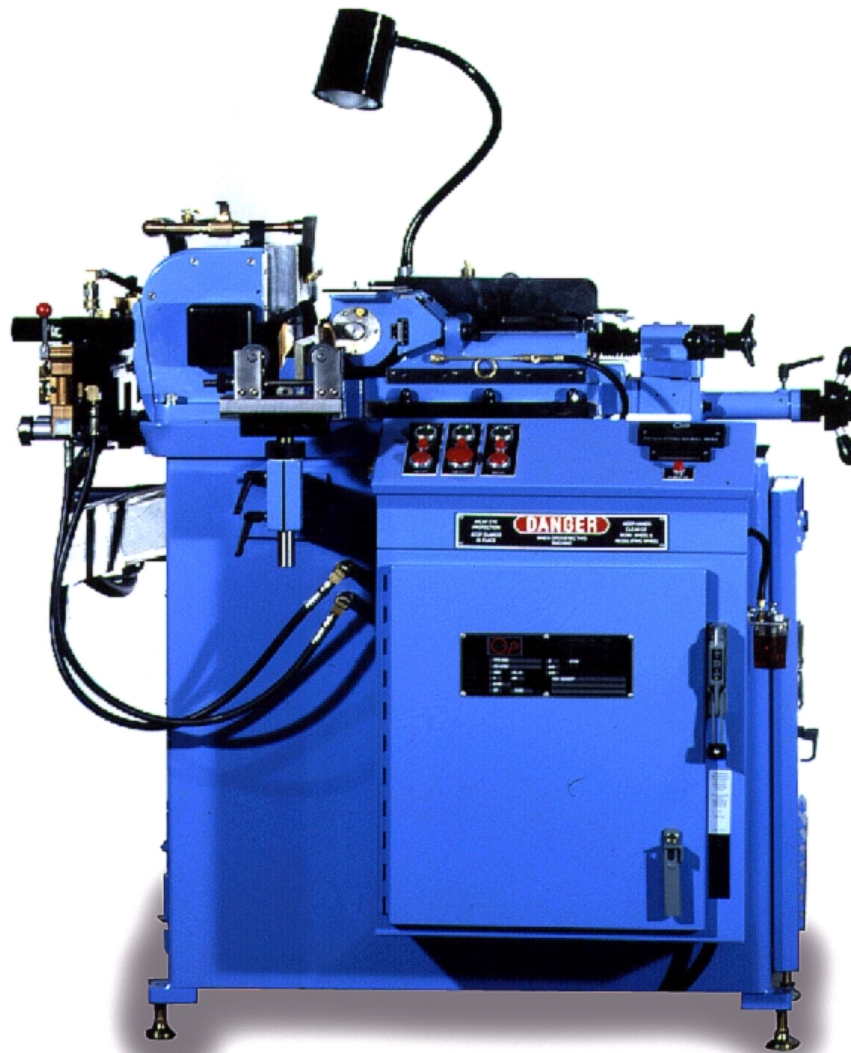


# TF-9BHD

## MANUAL CENTERLESS INFEEED/THRUFEED GRINDER

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**Glebar Company Inc.**  
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ISO 9001 Certified Company  
CE Certified Machines  
Made in USA since 1952

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### WORK WHEEL DESIGN

THE GLEBAR TF-9BHD IS COMPACT BUT EQUIPPED WITH AN 8-1/4" WIDE WORK WHEEL. THIS DESIGN GIVES YOU THE ABILITY TO SPREAD THE GRIND OF YOUR PARTS OVER A LONG DISTANCE WHILE INCREASING STOCK REMOVAL PER PASS, WITH LESS SURFACE DAMAGE TO FRAGILE MATERIALS. THE MULTI GRIT SANDWICHED WHEELS ALLOWS YOU TO ROUGH WITH COARSE GRIT AND FINISH WITH FINE GRIT, ALL IN ONE PASS, WHICH ENSURES CLOSER TOLERANCE. THE WORK WHEEL CAN BE CHANGED BY ONE PERSON IN TEN MINUTES. 7-1/2, 10 AND 15HP SPINDLE MOTORS ARE AVAILABLE.

### REGULATING WHEEL DRIVE:

THE REGULATING WHEEL DRIVE IS HYDRAULICALLY DRIVEN BY A 2HP MOTOR AND A VARIABLE DISPLACEMENT TYPE PUMP. THIS ARRANGEMENT SUPPLIES ENOUGH OIL FOR MAXIMUM PERFORMANCE AT ANY GIVEN TIME REDUCING OPERATING TEMPERATURE. THE DRIVE IS DESIGNED TO PREVENT THE POSSIBILITY OF AN OVER SPEEDING CONDITION.



### WORK REST HOLDER:

THE RUGGED CONSTRUCTION OF OUR WORK REST HOLDER GIVES THE BLADE THE PROPER SUPPORT AND ALIGNMENT NEEDED FOR HEAVY GRINDING AND CLOSE TOLERANCE WORK, THE USE OF HEAT TREATED TOOL STEEL CAST IRON BRONZE AND STAINLESS STEEL COMBINED WITH HARD CHROME PLATING ASSURES EASY AND ACCURATE ADJUSTMENT OF THE UNIQUE GUIDE SYSTEM. THE COMPLETE HOLDER CAN BE TAKEN OUT OF THE MACHINE FOR CLEANING AND ADJUSTMENT BY REMOVING TWO LARGE CAP SCREWS.



### CONTROLS:

ALL CONTROLS ARE CLEARLY MARKED COLOR CODED AND ELECTRICALLY INTERLOCKED FOR SIMPLE FAIL SAFE OPERATION. THE MAIN POWER DISCONNECT IS CONVENIENTLY LOCATED DIRECTLY IN FRONT OF THE OPERATOR FOR EASY ACCESS. THE MANUAL, ONE SHOT LUBRICATION SYSTEM PROVIDES LUBRICATION TO THE WAYS, REDUCING WEAR AND MAINTENANCE. HARD CHROME WAYS FURTHER EXTEND THE MACHINE LIFE MANY TIMES OVER. INDEPENDENT INTERLOCKED CONTROLS FOR REGULATING WHEEL AND WORK WHEEL FACILITATES MACHINE SET UP.



### TECHNICAL DATA:

#### GRINDING WHEEL:

DIAMETER: 9" (229MM)  
WIDTH: 8-5/8 (220MM)

DIMENSIONS: LENGTH: 47" 119.38CM

WIDTH: 39" 99.06CM

HEIGHT: 50" 127.00 CM

WEIGHT: 1800LBS (820 KG)

SPINDLE SPEED: 2400RPM/600SFM (30MS)

SPINDLE MOTOR: 7 HP, (10HP & 15HP OPTIONAL)

STOCK SIZE: 0.002" - 4" (0.05MM - 101.63MM)

#### HYDRAULIC SYSTEM:

PUMP MOTOR: 2HP (1.5KW) TEFC  
OIL PRESSURE: 350 PSI (22 BARS)

HYDRAULIC TANK: 15GALLONS (57 LITERS)  
VARIABLE DISPLACEMENT TYPE PUMP

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