

CORE PACK INSERTING PRESS

FOR ELECTRIC MOTOR MANUFACTURING INDUSTRY



A VERY CRITICAL AND IMPORTANT MACHINE IN THE PRODUCTION LINE OF ELECTRIC MOTORS
THE CORE PACK IS PRESS FITTED INTO THE CAGE WITH PRECISION INTERFERENCE FIT AND ACCURACY.

THE CORE PACK IS SADDLED ONTO THE SPINDLE.
THE CAGE IS TRANSFERRED ONTO THE CENTER TABLE
THE TABLE IS LOWERED PRECISELY TO MATCH THE AXIS OF THE ASSEMBLY
THE CAGE IS NOW CLAMPED WITH THE MOVING PLATE AND PULLED-IN OVER THE CORE PACK
THE ASSEMBLY IS RETURNED BACK TO THE FORWARD POSITION
THE CLAMP IS RELEASED WITH THE FINISHED ASSEMBLY BACK ONTO THE CENTER TABLE.
THE CENTER TABLE IS RAISED TO TRANSFER THE ASSEMBLY FURTHER ONTO THE ASSEMBLY TRACK.
THE MACHINE IS NOW READY FOR THE NEXT JOB.

MACHINE SPECIFICATIONS

MAXIMUM FORCE AVAILABLE FOR ASSEMBLY IS 12T

TABLE HEIGHT WITH REFERENCE TO SPINDLE: 100MM TO 250MM. AUTOMATIC ADJUST
(WHICH MEANS CLOSELY SUITABLE FOR MOTOR FRAME SIZE 100 TO 250)

PRODUCTION CYCLE TIME : NEAR 3 TO 5 MINUTES PER ASSEMBLY

ALARM SYSTEM FOR PRESSING FORCE LIMITS

POWER : 5HP – ELECTRO HYDRAULIC DRIVE. STANDARD HYDRAULIC PARTS

SIZE : 1800 X 1500 X 1350HEIGHT. WEIGHT : 1100 KGS

NOTE: FOR LARGER FRAME SIZE MOTORS, SUCH MACHINES OFFERED IN VERTICAL ARRANGEMENT. WITH PRESSING FORCES UP TO 60T. PLC BASED NUMERICALLY CONTROLLED

SPECIFICATIONS SUBJECT TO CHANGE



**CONSOLIDATED
MACHINES**

HYDRAULICS • HYDRO-PNEUMATICS
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