

# SPECIFICATION OF AUTOMATIC CAGE WELDING MACHINE

## MODEL KN-3672G1-8FT

1. MACHINE DIMENSION : LENGTH = 9,500 MM (374.0")  
WIDTH = 3,660 MM (144.0")  
HEIGHT = 2,900 MM (114.2")
2. MACHINE TOTAL WEIGHT : APPROX. 16,000 KGS.
3. MANUFACTURED SIZE : PIPE DIA.= 36" - 72" I.D. BELL PIPE  
(900MM - 1,800MM I.D. BELL PIPE)  
LENGTH = 2,650 M/M (8 FEET)
4. LONGITUDINAL WIRES : 24
5. WELDING WIRE : DIA. OF LONGITUDINALS 4 - 8MM MAX WITH BELL  
DIA. OF LONGITUDINALS 4 - 10MM MAX WITHOUT BELL  
DIA. OF WINDING WIRE 3 - 12MM MAX(COILED ON SPOOL)
6. PITCH OF WELDING : 20MM - 160MM ADJUSTABLE
7. MACHINE(DRUM) R.P.M : MAX. 20 R.P.M.
8. WELDING SYSTEM : ONE PHASES 380 V / 60 Hz
9. WELDING VOLTAGE : INPUT AC480V - OUTPUT DC10V
10. MOVING MOTORS : 7.5 HP - 1 EA (INVERTER) FOR DRUM ROTATING  
10 HP - 1 EA (INVERTER) FOR BELL EXPANDING  
3.0 HP - 1 EA (INVERTER) FOR TRANSFER FORWARD/BACKWARD  
2.0 HP - 1 EA (INVERTER) FOR POLE FORWARD/BACKWARD  
2.0 HP - 1 EA FOR CAGE RECEIVER  
400W FOR WATER PUMP AND 3002 FOR FAN COOLER
11. AIR CYLINDER : 50 X 50 MM
12. CONTROL SYSTEM : PLC CONTROL WITH TOUCH SCREEN XP50
13. FREQUENCY DRIVE : LS INVERTER SVIG5A-2
14. CAGE SHAPES : BY AUTOMATIC GEARED SCREWS
15. MAIN POWER SUPPLY : 480 VOLTS, 60 HZ, 3 PHASES - 100 AMPS

- SUBJECT TO CHANGE FIGURES TO IMPROVE EFFICIENCY WITHOUT PRIOR NOTICE -