MECHANISM TRAINER

Model: MT-1090

MECHANICAL STRUCTURE

SPECIFICATION

- 300mm SCREW ROD SLIDER MECHANISM
- TRAVEL DISTANCE: 300mm.
- PITCH: 4mm/Revolution.
- DIMENSION: 500mm (W)x140mm (D)x100mm (H).
- CONVEYER MECHANISM 2.
- ADJUSTABLE
- b. DIMENSION: 700mm (W)x180mm (D)x100mm (H).
- INDEXING MECHANISM
- TRAVEL DISTANCE: 200mm (diameter)x150mm (H).
- HORIZONTAL OR VERTICAL.
- SPEED RATIO: 1:90.
- AUTOMATIC DOOR MECHANISM
- TRAVEL DISTANCE: 310mm.
- PRESSURE SENSING, 2 PIECES.
- DIMENSION: 400mm (W)x125mm (D)x310mm (H).
- WORM GEAR SPEED REDUCER MECHANISM
 - 60 LIGHT SLOTS STEEL PLATE.
- ENCODER: A, B PHASE; 10 Pulses/Revolution.
- DIMENSION: 160mm (W)x175mm (D)x193mm (H).
- MAIN SHAFT MECHANISM OF DRILLER, TYPE-B
- TRAVEL DISTANCE: 125mm.
- MOTION POWER: PNEUMATIC.
- LIGHT LOAD STYLE.
- PHOTOINTERRUPTER
- PHOTOELECTRICAL COMPONENT, 2 PIECES.
- CONCAVE STYLE, STEEL.
- DIMENSION: 60mm (W)x55mm (D)x50mm (H).
- EXTENSION SHAFT
- SHAFT SIZE: 50mm (DIAMETER)x51mm (L), 2 PIECES.
- MATERIAL: CAST-IRON.
- DIMENSION: 500mm (W)x140mm (D)x100mm (H).
- L-SHAPE STAND
- b. DIMENSION: 245mm (W)x140mm (D)x95mm (H).
- PLATE BOARD
- DIMENSION: 350mm (W)x140mm (D)x200mm (H).
- WEIGHT DETECTION MECHANISM
- LOAD CELL SENSOR, STEEL.
- b. DIMENSION: 170mm (W)x170mm (D)x95mm (H).
- LENGTH DETECTION MECHANISM
- LVDT SENSOR, STEEL.
- b. DIMENSION: 140mm (W)x40mm (D)x195mm (H).
- REFLECTIVE PHOTOELECTRIC SWITCH
- SENSING DISTANCE: 150mm Max.
- b. DIMENSION: 70mm (W)x140mm (D)x200mm (H).
- LIMIT SWITCH MECHANISM
- LIMIT SWITCH: 250V, 2A, 4 PIECES.
- DIMENSION: 60mm (W)x55mm (D)x50mm (H).
- PROXIMITY SWITCH MECHANISM
- SENSING DISTANCE: 4mm.
- ALUMINUM, 2 PIECE.
- DIMENSION: 70mm (W)x140mm (D)x200mm (H).
- CYLINDER OBJECT SAMPLE
- COPPER, 23mm IN DIAMETER; HEIGHT: 13mm, 14mm, 15mm, 16mm, and 17mm, 10 PIECES EACH.
- PNEUMATIC ROBOTICS ARM MECHANISM
- TRAVEL DISTANCE: 70mm.
- b. UPPER and LOWER LIMIT SENSORS, 2 PIECES.
- CAM MECHANISM
- RADIUS: 80mm Max., 70mm Mim.. 15mm ALUMINUM BASE.
- INPUT SHAFT/CAM SHAFT RATIO: 10:1.
- COUPLER ON INPUT SHAFT.
- DIMENSION: 345mm (W)x200mm (D)x190mm (H).
- CRANK MECHANISM
- RADIUS: 20 ~ 100mm, ADJUSTABLE.
- INPUT/OUTPUT RATIO: 1:10. 15mm ALUMINUM BASE.
- COUPLER ON INPUT SHAFT.
- d. DIMENSION: 220mm (W)x140mm (D)x190mm (H).
- ROCKING LEVER MECHANISM

- SUCTION PLATE NOT INCLUDED.
- MOTOR ROBOTICS ARM MECHANISM
- TRAVEL DISTANCE: 300mm.
- SINGLE-PHASE MOTOR.
- CHUCK NOT INCLUDED
- STORAGE RACK MECHANISM
- STEEL
- DIMENSION: 400mm (W)x500mm (D)x300mm (H).
- Z-AXIS SCREW ROD MECHANISM 20.
- TRAVEL DISTANCE: 300mm.
- PITCH: 4mm/Revolution.
- DIMENSION: 500mm (W)x140mm (D)x100mm (H).
- ELEVATOR MECHANISM
- 5 STORIES, STEEL.
- DIMENSION: 450mm (W)x200mm (D)x500mm (H).
- VIBRATORY FEEDER MECHANISM
- SIZE: 400mm (DIAMETER)x300mm (H).
- ADJUSTABLE VIBRATION.
- ROCKER ARM MECHANISM 23
- CAN BE FIXED ON L-SHAPE STAND.
- DIMENSION: 360mm (W)x140mm (D)x170mm (H).
- PRODUCT MOVING GUIDE MECHANISM 24.
- DIMENSION: 70mm (W)x140mm (D)x200mm (H).
- GEAR COUPLER MECHANISM 25
- COUPLER IS INSTALLED IN GENEVA or ROLLER CAM GEAR.
- DIMENSION: 70mm (W)x140mm (D)x200mm (H).
- 26. ROTARY TABLE MECHANISM
- TABLE DIAMETER: 200mm. 15mm ALUMINUM BASE.
- SHAFT ROTATION RATIO: 10:1. COUPLER ON INPUT SHAFT. b.
- DIMENSION: 200mm (W)x200mm (D)x170mm (H).
- THIS ITEM IS INSTALLED WITH GEAR INDEXING.
- 27. GENEVA GEAR INDEXING MECHANISM
- 6 DIVISIONS; 15mm ALUMINUM BASE.
- COUPLERS ON INPUT and OUTPUT SHAFTS. h
- DIMENSION: 200mm (W)x100mm (D)x150mm (H). ROLLER GEAR CAM MECHANISM
- 6 DIVISIONS; 15mm ALUMINUM BASE.
- COUPLERS ON INPUT and OUTPUT SHAFTS.
- DIMENSION: 200mm (W)x205mm (D)x240mm (H).
- OUTPUT SHAFT ROTATES 60° per REVOLUTION OF INPUT. 29.
- RACK AND PINION (GEAR) MECHANISM RACK GEAR LENGTH: 500mm; TRAVEL DISTANCE: 300mm.
- COUPLERS ON GEAR SHAFTS. 15mm ALUMINUM BASE.
- DIMENSION: 500mm (W)x175mm (D)x175mm (H).
 - RACK AND ONE WAY CLUTCH GEARING MECHANISM RACK GEAR LENGTH: 500mm; TRAVEL DISTANCE: 300mm.
- COUPLER ON GEAR SHAFT. 15mm ALUMINUM BASE.
- DIMENSION: 500mm (W)x175mm (D)x175mm (H).
- 31.
- ONE WAY CLUTCH MECHANISM FORWARD DRIVEN (ENGAGED); REVERSE RELEASE.
- INPUT and OUTPUT COUPLER; 15mm ALUMINUM BASE.
- DIMENSION: 210mm (W)x180mm (D)x140mm (H).
- RACK AND ONE WAY RATCHET GEARING MECHANISM
- RACK GEAR LENGTH: 500mm; TRAVEL DISTANCE: 300mm.
- COUPLER ON GEAR SHAFT. 15mm ALUMINUM BASE. DIMENSION: 500mm (W)x210mm (D)x175mm (H).
- ONE WAY RATCHET GEARING MECHANISM
- FORWARD DRIVEN (ENGAGED): REVERSE RELEASE.
- INPUT and OUTPUT COUPLER; 15mm ALUMINUM BASE. DIMENSION: 210mm (W)x160mm (D)x140mm (H).
- GEAR SET MECHANISM 34.
- INPUT/OUTPUT RATIO: 1:2. 15mm ALUMINUM BASE.
- TWO COUPLERS
- DIMENSION: 210mm (W)x640mm (D)x140mm (H).
- ROCKING ANGLE: 60°; AMPLITUDE: 110 ~ 130mm ADJUSTABLE. 15mm ALUMINUM BASE
- COUPLER ON INPUT SHAFT.
- DRIVEN SHAFT TO ROCKING LEVER SHAFT RATIO: 10:1.
- DIMENSION: 300mm (W)x160mm (D)x190mm (H).
- TOGGLE JOINT MECHANISM
- a. TRAVEL DISTANCE: 250mm. 15mm ALUMINUM BASE.
- COUPLER PINS ON INPUT BLOCK AND OUTPUT SHAFT.
- c. DIMENSION: 300mm (W)x150mm (D)x170mm (H). 39. SLIDING PLATFORM MECHANISM
- a. TRAVEL DISTANCE: 300mm Min. CONTROLLED by PROXIMITY

SWITCHES.

- b. COUPLER PIN ON PLATFORM. 15mm ALUMINUM BASE.
- c. DIMENSION: 500mm (W)x140mm (D)x90mm (H).
 40 EXPERIMENT FLAT BOARD AND STEP SPACERS
 a. ALUMINUM ALLOY. 15mm THICK MINIMUM.
 b. DIMENSION: 800mm (W)x600mm (D)x15mm (H).