



Since 1991

REGULATED SYSTEMS, INC.
Industrial Automation Equipment

Automatic Part Feeders
Custom Machines
Handling Systems

Inspection Systems
Machine Tending Systems
Robotic Systems

HEAD BOLT FEED/ LOADER SYSTEM

25-1



PROJECT SCOPE:

Part is M10 X 157mm Head Bolt.
Bulk Feed at 31 PPM Production Rate,
Insert 10 Bolts Per Head prior to
Run-down, Torque at next Station.

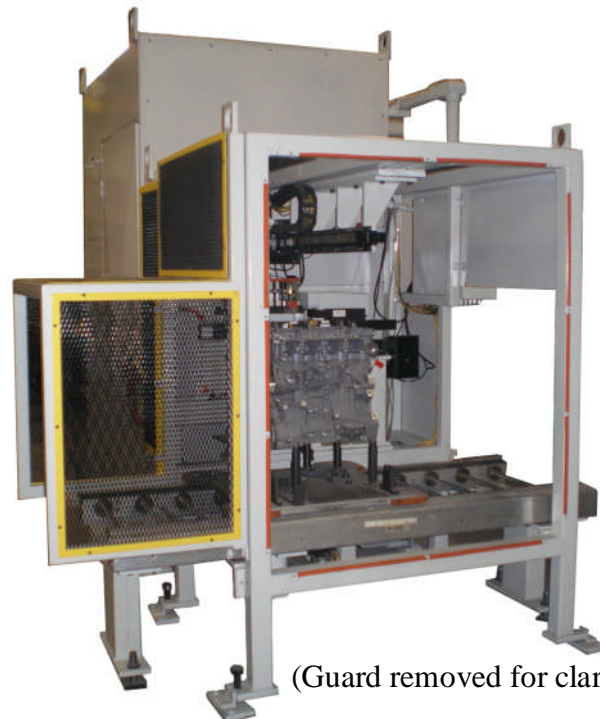
SIDE VIEW SHOWN

SYSTEM SHOWN:

Bulk Elevator Model # BT-2CT-20-9
Bi-Flow In-Line Vibratory Feed Unit
Dual Rail In-line Live Feed Accumulation Unit
Sound Enclosure to meet 77 DbA @ 3 FT. TWA
1-5 Path Programmable Strip Shuttle Unit
X-Z Axis Programmable Pick and Place Unit
Turnkey control panel with HMI

SYSTEM BENEFITS:

Aids hazardous ergonomic considerations
Cuts production cost
Reduces costly manual labor
Storage provides continued through put operation
Utilizes modern automation



(Guard removed for clarity)

LINE VIEW SHOWN

With Line Conveyor and Engine Block on Pallet