

# Learn Amatrol

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Figure 45 shows the model number and description of each station.

MODEL NAME	DESCRIPTION
87-MS1	Pick and Place Feeding Station
87-MS2	Gauging Station
87-MS3	Indexing Station
87-MS4	Sorting and Queuing Station
87-MS5	Servo Robotic Assembly Station
87-MS6	Tamping Station
87-MS7	Parts Storage Station

Figure 45. Mechatronics Stations

2. Perform the following substeps to familiarize yourself with station 1, which is the Model 87-MS1 Pick and Place station.

This station uses a powered parts feeder to supply parts to a 2-axis pick and place manipulator. The pick and place manipulator picks up the parts from the feeder and places them in a bin or onto the next station, if attached.

Figure 46. Pick and Place Feeding Station

A. Locate the Powered Parts Feeder, shown in figure 46. This feeder uses a gravity parts feeder with a powered cylinder that pushes parts out to the pick-up location.

Figure 47. Gauging Station

Figure 48

Figure 49

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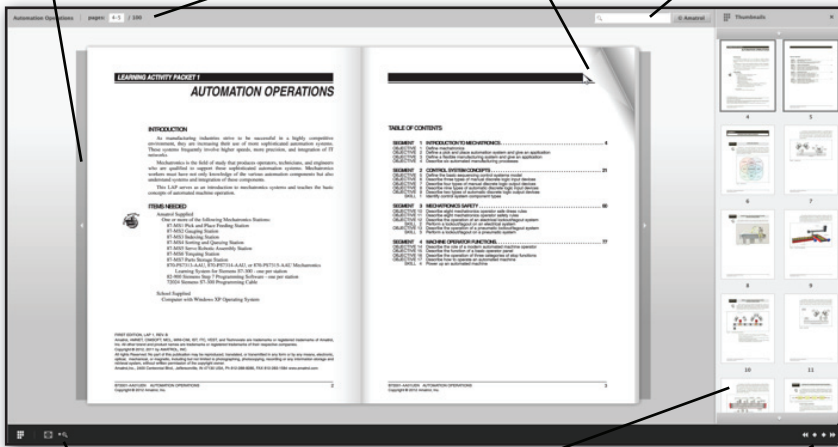
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