

Current Configuration

Items 4509 & 4517
Cherry Burrell Dual Head Fillers

One Filling System Shown
Other One Typical

INFEED
12 in wide x ~4 ft long
Delrin Chain – ss rails

FILLING CONVEYOR
12 in wide x ~ 10 ft long
Delrin Chain – ss rails

FILLING CONVEYOR
12 in wide x ~ 10 ft long
Delrin Chain – ss rails

Filling Head

DISCHARGE CONVEYOR
12 in wide x ~4 ft long
Powered roller

Volume Adjuster

FILLER
14 in x 4 ft long



Diverter



Discharge & Control Panels

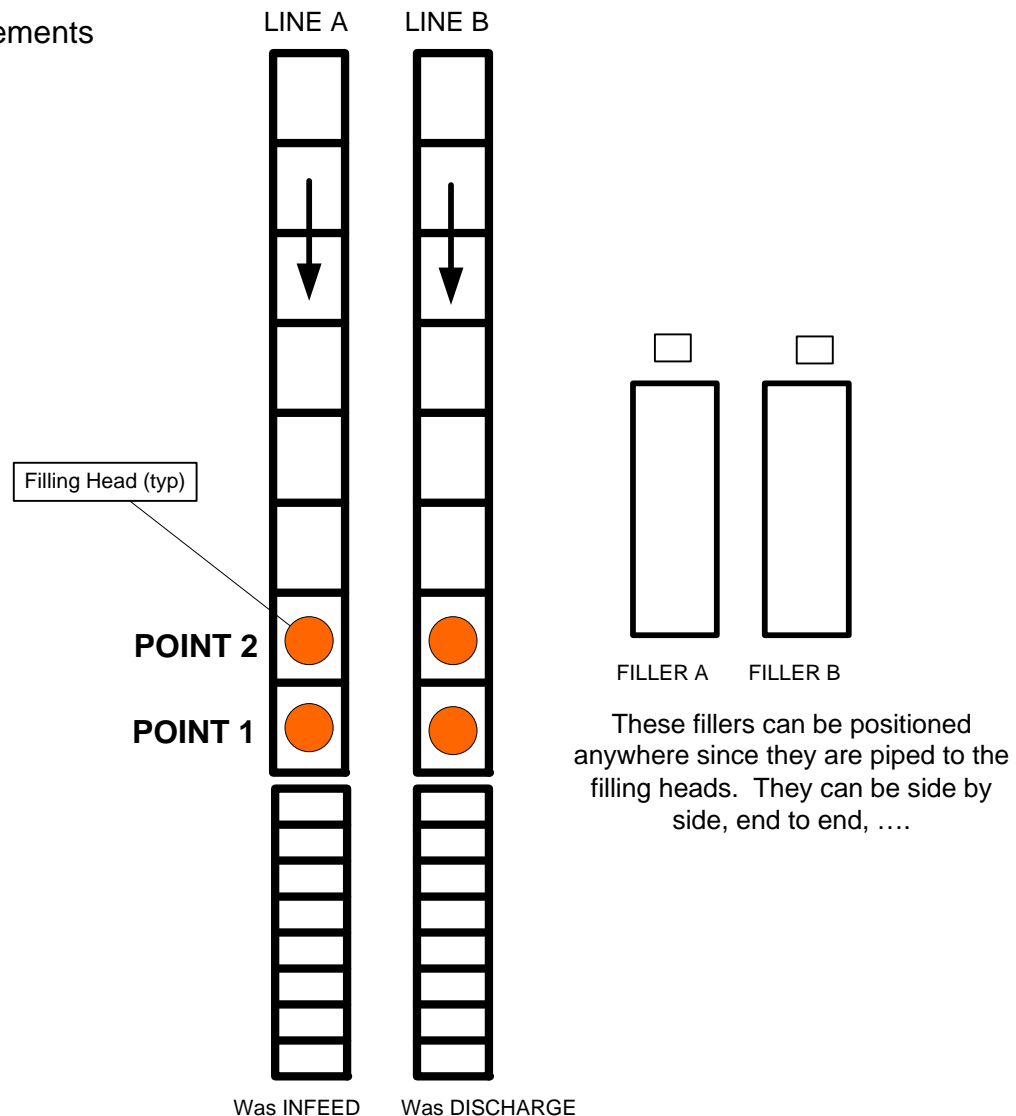


Method of Operation

Box or pail comes down INFEED conveyor and is diverted to either FILLING conveyor
Photo eye notes box in place and stop pops up – Filler strokes to fill Box A. Box moves on when full
Same operation happens on other FILLING conveyor – Box B fills on Filler backstroke
Filler is piped to filling heads so can be located anywhere
NOTE: Dimensions are approximate

Proposed Configuration

For tight space requirements



Method of Operation – Series Operation

Dual head fillers are needed for 2 different products – one on LINE A and one on LINE B

Pail is fed to the line and it travels down to the stop at POINT 1

Next pail travels down to the stop at POINT 2

Filler will not fill until photo eye tells it that pails are under POINT 1 and POINT 2

POINT 1 filled on FILLER front stroke, stop drops and pail moves out

POINT 2 filled on FILLER backstroke, the stop drops and pail moves out

Stop at POINT 1 comes back up after second pail passes

Process continues as above

Filler is piped to filling heads so can be located anywhere

Each line is only 12 inches wide x however long you want it – say 15 feet

If lines are put side by side as shown here, dimension of BOTH lines (4 filling heads) is approx 3 feet x 10 to 15 feet. (Fillers will take up approx 3 ft x 4 ft but can be put anywhere)