

SPECIFICATIONS - MODEL SH600-I2DAJP SHEET HANDLER

COLUMN

- 8" diameter structural tube, 12'2" high overall height, with 36" square base plate using 8 - 7/8" diameter x 6" long anchor bolts

ARM

- 12' radius double articulated boom with integral air lines and hoist cable cylinder

HEAD

- 8 - 6" diameter non-marking urethane vacuum cups supplied with spring loaded vertical movement and swivel joint to pick sheets not laying flat
- 1 set of handles and operator controls mounted on side or end of head
- cups are adjustable for width and length. Range adjustment standard is 3' x 6' to 6' x 16' or small sheet model is 2' x 4' to 6 x 12'
- safe vacuum gauge mounted on head

AIR SUPPLY

- clean dry air of 100 psi with minimum 12 cu. ft./min. air line provided by customer to air inlet at base of column
- filter regulator unit provided on column - lubricator unit supplied on head

OPERATION

- vertical movement of 62" is provided with pneumatic up/down thumb switch variable control to allow "feathering" for proportional speed control
- horizontal movement requires little operator effort due to large anti-friction bearings and action of double articulated boom providing movement in any direction in a straight line

CAPACITY

- standard model is 600 lbs. (SH-600)
- larger capacity units of 800 lbs. (SH-800) or 1,000 lbs. (SH-1000) is also available

OPTIONS

- manual counter - thumb switch controlled - useful when sheet handler is used for order filling
- high/low vacuum settings - required when picking soft or thin sheets that could deform from full vacuum - capacity is lowered to 320 lbs. when switched to low vacuum. Mandatory when picking "0" temper aluminum.
- second set of operator handles and controls - lets operator pick sheets on either width or end
- peel function control - offsets lifting point to allow sheets to lift on one edge only giving operator ability to separate sheets that stick together. Sliding of sheets is avoided to give scratch-free handling.
- soft touch cups with replaceable foam inserts - used to pick polished aluminum, mirror finish polished sheets, also will pick checker plate diamond side up - maximum capacity 400 lbs.
- quick disconnect fittings - required when both vinyl and soft touch cups are used on same machine



SHEETS ARE PICKED FROM A 6 DRAWER STORAGE RACK
(EACH DRAWER CAPABLE OF HOLDING 5,000 LBS. OF SHEETS)



SHEETS ARE EASILY MOVED TO THE C.N.C. MACHINE
AND PLACED INTO THE MACHINE GRIPPERS



ONE MAN LIFTS 600 LB. SHEET WITH CANRACK SHEET HANDLER



SHEET IS QUICKLY AND GENTLY LOWERED INTO
JAWS OF CNC SHEAR FEEDER