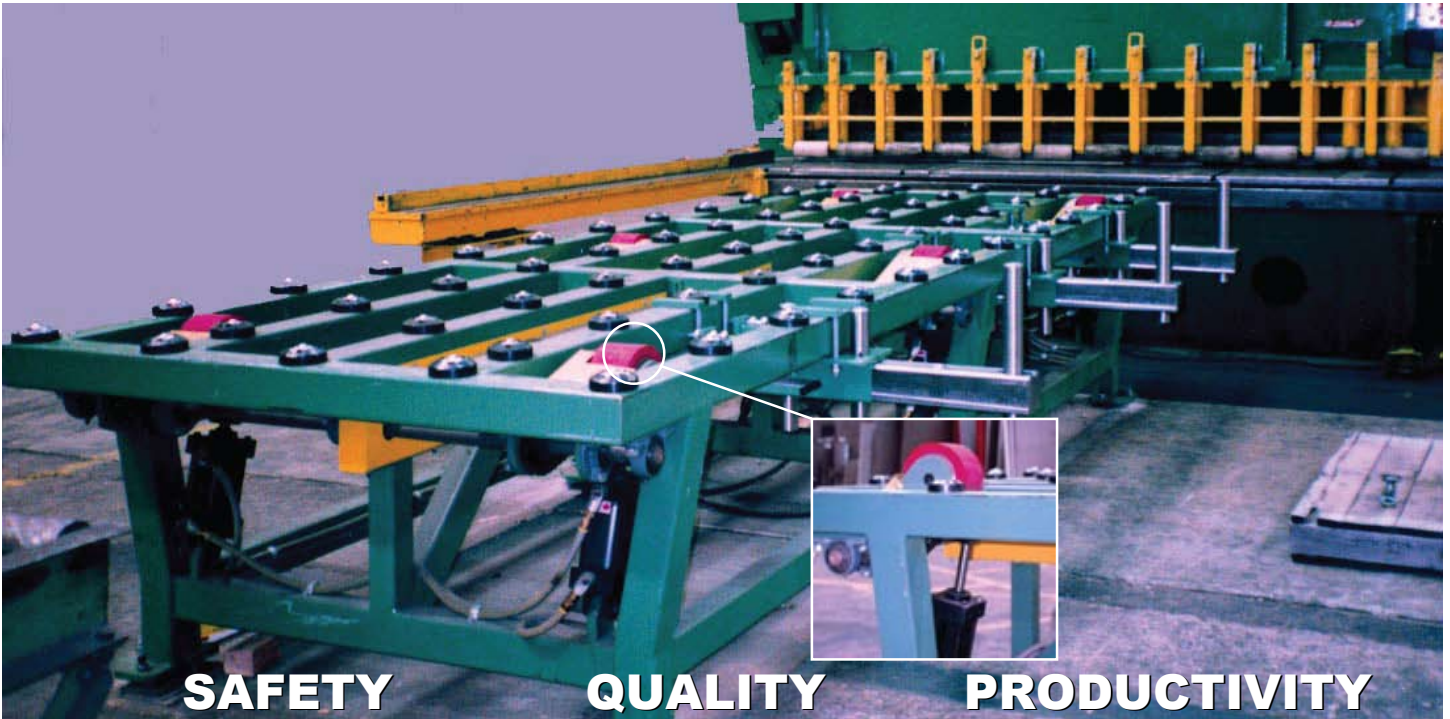


CANRACK

METAL CENTER SYSTEMS

**PLATE
SHEAR
FEEDER**



SAFETY

QUALITY

PRODUCTIVITY

- One man operation to handle and feed plates up to 3/4" X 96" X 300" safely and accurately through any 12' mechanical or hydraulic plate shear. Larger units using two feed tables are available for 16' or 20' wide shears.
- Plates are driven through shear by 4 or 6 traction wheels hydraulically driven and raised pneumatically with adjustable pressure. Wheels act independently and adjust to any warped or bent plate to give controlled accurate movement to a back gauge or cut line. Shielded ball transfers on a 14" staggered pattern with a 2,000 lb. capacity on each ball provide easy plate alignment to the back gauge or squaring arm.
- Plates may be lifted above the feed table by the traction wheels to eliminate the plates from hitting the shear table when moving forward to the shear and also provide space for forks when loading or unloading with a fork truck.
- The operator maintains precise control of the plate with a forward/reverse variable speed hydraulic control and variable pneumatic pressure for traction wheel contact to the plate. Squaring pins are located for any width plate to ensure square cuts.
- Optional shear conveyors and stackers with remote control TV screens are available to allow one man operation for greater productivity with larger runs.
- Free engineering analysis is offered by Canrack technical sales staff to properly apply this equipment and assist with time study and economic justification.

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SPECIFICATIONS - PLATE SHEAR FEEDER

TABLE

- 66" wide x 186" long made from 4" x 4" x 3/16" hollow structural tubes with 6 legs complete with floor levelling screws. Suitable for plates up to 20' long. Capacity 5,000 lbs.
- 30mm ball transfers set in hardened recessed holders spaced approximately 14" staggered centers, capacity 2,000 lbs. each

DRIVE WHEELS

- 6 - 6" diameter hard urethane wheels, hydraulically driven with variable speed control, forward and reverse, pneumatically controlled for upward pressure, 3" maximum lift, each wheel lifts independently to match bowed or bent plates

CONTROLS

- Pedestal mounted, consists of hydraulic forward/reverse/jog joystick, up/down pneumatic lever control for wheels and variable pneumatic pressure control with gauge

SQUARING PINS

- 3 hardened steel squaring pins, adjustable for 4' to 10' wide plate, mounted to frame with heavy steel alignment screws to maintain plates square with shear blade and provide easy re-adjustment.

AIR SUPPLY

- clean dry air of 100 psi, 5 cu. ft./min. minimum required from customer with air line to our 3/4" inlet on filter, lubricator, regulator unit

POWER PACK

- 3/4 H.P. hydraulic motor, pump and reservoir, requires 120V, 575V or 480V power supply from customer

OPTIONS

- 66" wide x 120" long table with 4 only drive wheels suitable for handling plates up to 16' maximum length
- Multiple strand plate top chain conveyor with 4 rows of material support arms and optional scrap chute
- Multiple strand plate top chain conveyor with 4 rows of material support arms with extended length conveyor with center lift table to handle cutting large pieces from 20' to 40' plates
- Portable multiple pallet stacker to connect to conveyor and stack up to 60" wide blanks on skids or runners