

MULTI-BLANKING SYSTEM

Midwest Steel Blanking Inc., of Lombard, IL has ordered a 72" x .135" x 40,000lb capacity multi-blanking system from B&K, a division of Formtek Maine. The new B&K system will allow for added capacity and also the provisions for processing stainless steel and aluminum with an accuracy of +/- .005" on parts up to 72" long. The system is also designed to allow the maximum length capacity of blanks up to 168".

The B&K system consists of the following equipment: A 40,000 lb. uncoiler with ultrasonic variable tension brake system, hydraulic expansion, inching drive, full radius drum mandrels and adjustable base with edge tracking control will provide smooth and efficient payout of material; A 72 HOP system consisting of hold down arm, powered rider roll, breaker bar, peeler table, peeler blade, handwheel adjustable edge guides will allow for hands free thread-up of the material; A B&K 84/1.750/19/9/7/5-HI corrective leveler with 19 1.750" diameter work rolls, floating intermediate rolls, 9 sets of back-ups, 7 sets of power adjustable wedge design back-up flights, dual herring bone gearbox, automatic lubrication system, powered high rise head design, powered pinch rolls, exit cascade with inspection area and touchscreen operator control platform. A dual sided threading table provides hands free thread-up from exit of leveler to entry of servo feed; A 4 roll servo feed with full width matte chrome rolls, backed-up rolls to prevent deflection, anti-back-up rolls, precision gear reduction, automatic lubrication, entry and exit edge guides, end of stock sensor, 500 job memory and a cabinet base. A slitter head with five sets of knives will be driven off the servo feed for correct speed match between the two units; A scrap winder will take care of edge trim material and provide even coil build up by the use of a level wind system; A hydraulic shear with rugged steel weldment construction, box-type bed on the lower blade, bronze wearite gib bearings, tapered gib spacers, high carbon, high chrome steel blades with four cutting edges, manually adjusted shear base for camber correction, blades of uniform hardness and grain structure, driven by hydraulic cylinders over the top, and manual handcrank blade gap adjustment with dial indicator readout for easy blade clearance initial settings and repeat adjustments provides a durable and repeatable means of cutting the material to length; and A stacker with 10,000 lb. x 72" x 168" capacity lift table, three dividers to separate the individual blanks being cut are standard, these separators are manually located and inserted, four end stops which are hand cranked to position are provided, automatic table height adjustment ("auto-down" feature) during operation, air blower for thin material support.

Factory runoff, installation supervision and start-up assistance are all provided with this system as well to ensure operators are properly trained and the system starts paying for itself as soon as possible. For more information contact Formtek Maine - Ph: 800-247-2645 · Fax: 207-426-8868.

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