

We are in the Business of
Solving Problems!

The MGS Group



MGS
Manufacturing
HALL
Industries



MOVEABLE ARM PAYOFFS AND TAKEUPS

HALL Industries Moveable Arm Payoffs and Takeups are designed for optimum ease and safety of reel handling with minimum use of floor space. We offer two models, standard or traversing frame. Each model is available in five standard sizes, (30-40-50-60 and 72 inches), to accommodate a wide range of reel types and widths. Our Moveable Arm Payoffs and Takeups can also be custom designed to specific Customer requirements.

FEATURES

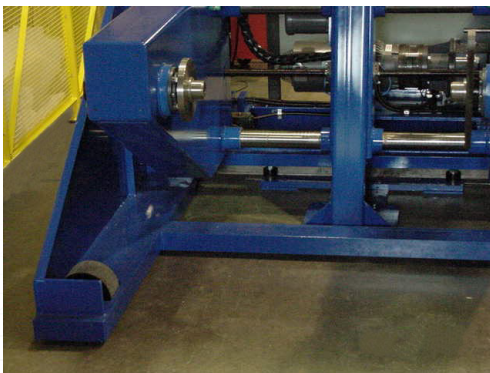
Lift Arm Operation

Width Control - Both arms move in and out simultaneously. This is accomplished with left and right hand Acme screws driven by a reversible gear motor through a torque limiter. A lever switch to control this is mounted on one of the lift arms.

Lift Control - The reel lift is accomplished by air cylinder(s). The solenoid air valve is controlled by the same four- position lever switch that controls the IN-OUT arm movement. Stops are provided so that the arms are stabilized when in the full UP position.

Drive Arm And Spindle Adapters

A drive arm is provided with an adjustable drive pin to fit your reel requirements. Both pintle shafts have replaceable arbor adapters so that any size arbor hole can be accommodated. One set of adapters to your required diameter will be included.



Digital Traverse

Our digital traverse system allows the operator to set the traverse lay and flange reversal points directly on an operator interface. A manual override and rapid traverse functions are included. Recipe systems allow reel and product parameters to be stored by the operator.

In the traversing frame model, the frame traverses on the floor using 6-inch diameter Urethane wheels. A product guide unit with cam rollers is bolted to the floor to guide the unit. There is no track that extends on either side of the unit. A motor traverses the unit through a timing belt.

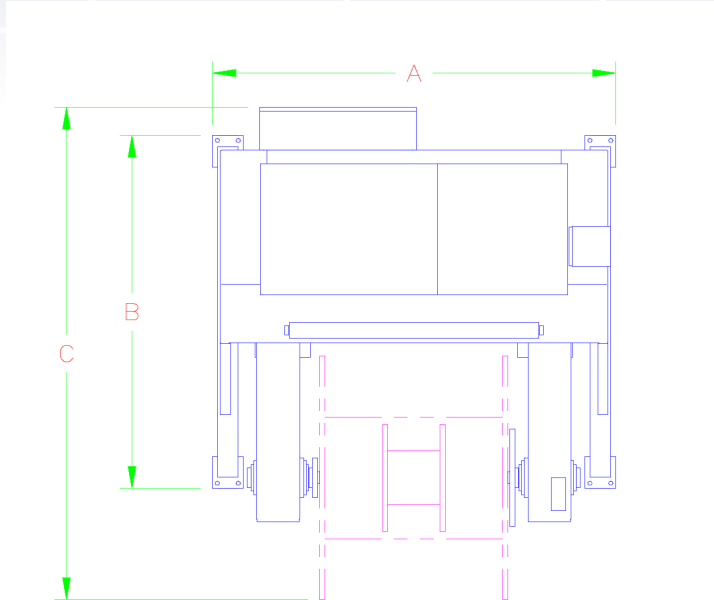
CAPACITY

MODEL	MAX / MIN REEL DIAMETER	MAX / MIN REEL OAW	REEL WEIGHT LBS
30 MA	30" / 12"	20" / 8"	1,200
40 MA	40" / 16"	24" / 9"	2,500
50 MA	50" / 22"	36" / 12"	4,000
60 MA	60" / 24"	44" / 12"	6,000
72 MA	72" / 30"	44" / 14"	8,000

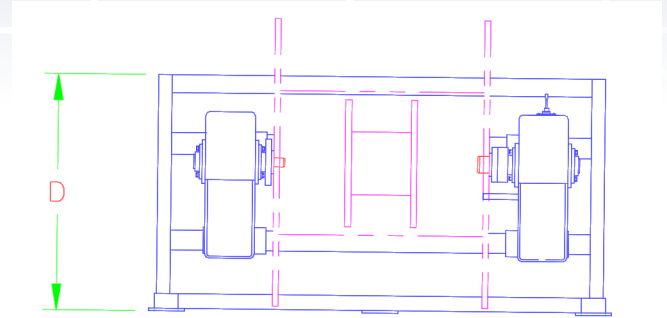
DIMENSIONS

MODEL	DIMENSIONS IN INCHES					
	A	B	C	D	E Payoff	E Takeup
30 MA	49	46	70	35	31	31
40 MA	61	66	87	37	41	41
50 MA	78	72	100	41	51	51
60 MA	88	95	120	45	61	61
72 MA	91	100	121	51	73	73

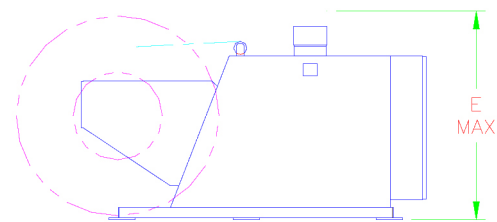
TOP VIEW



FRONT VIEW



SIDE VIEW



MGS / HALL designs and manufactures product handling solutions which include Payoffs, Takeups, Dancers, Accumulators, Measuring Machines, and Capstans to handle most any product from sensitive optical fiber to 1000MCM (507-mm²) power cable. We also can handle odd shapes, tubing, ribbon, and tape.

Our Automatic and Semiautomatic Takeups are extremely reliable for on-line packaging of a wide range of products and reels at high speeds, resulting in significant cost savings.

Machines that are built to meet the specifications of the individual customer is a characteristic of MGS/HALL systems. Comprehensive design and engineering capabilities together with meticulous manufacturing techniques and careful testing assure customer satisfaction. Some say we design machines with the user in mind. We like to think we're in the business of solving problems for other business – like yours!

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