



Mixer Systems, Inc.

DIRECT DRIVE SKIP HOISTS

For all-purpose material handling

Compact, space-saving skip hoists give fast, dependable lifting for all material handling operations. Charge mixers, load concrete, lift barrels, containers, scrap metal, grain ... its uses are endless. We can modify and design the skip hoist to accept all types and sizes of containers or loose materials. Capacities are available from 10 to 100 cu. ft.

LOOK AT THESE QUALITY FEATURES

A low horsepower, energy-efficient motor is all that's needed to raise the bucket. "Friction-free" nylon bearing in bucket rollers glide smoothly up the track. As a result, you get a big power saving and lower electrical installation costs. The low HP requirement is a fraction of that needed by competitive models.

Track pins hold bucket at convenient position for easy greasing of rollers. They also serve as a safety feature to prevent lowering of bucket when personnel are maintaining the machine.

Bucket tips back from roller tracks in material charging position. This puts bucket into ideal load position and eliminates a deeper pit required by conventional skip hoist designs.

Compact design fits into tight work areas. Bulky overhead hoisting mechanism is eliminated. Overall height is only a few inches higher than bucket when raised into dumping position.

Twin hoisting cables insure greater bucket stability and smoother, more efficient hoisting. No more cable is needed than what is on other designs. Cable life is extended because drums are grooved to prevent cable climbing.

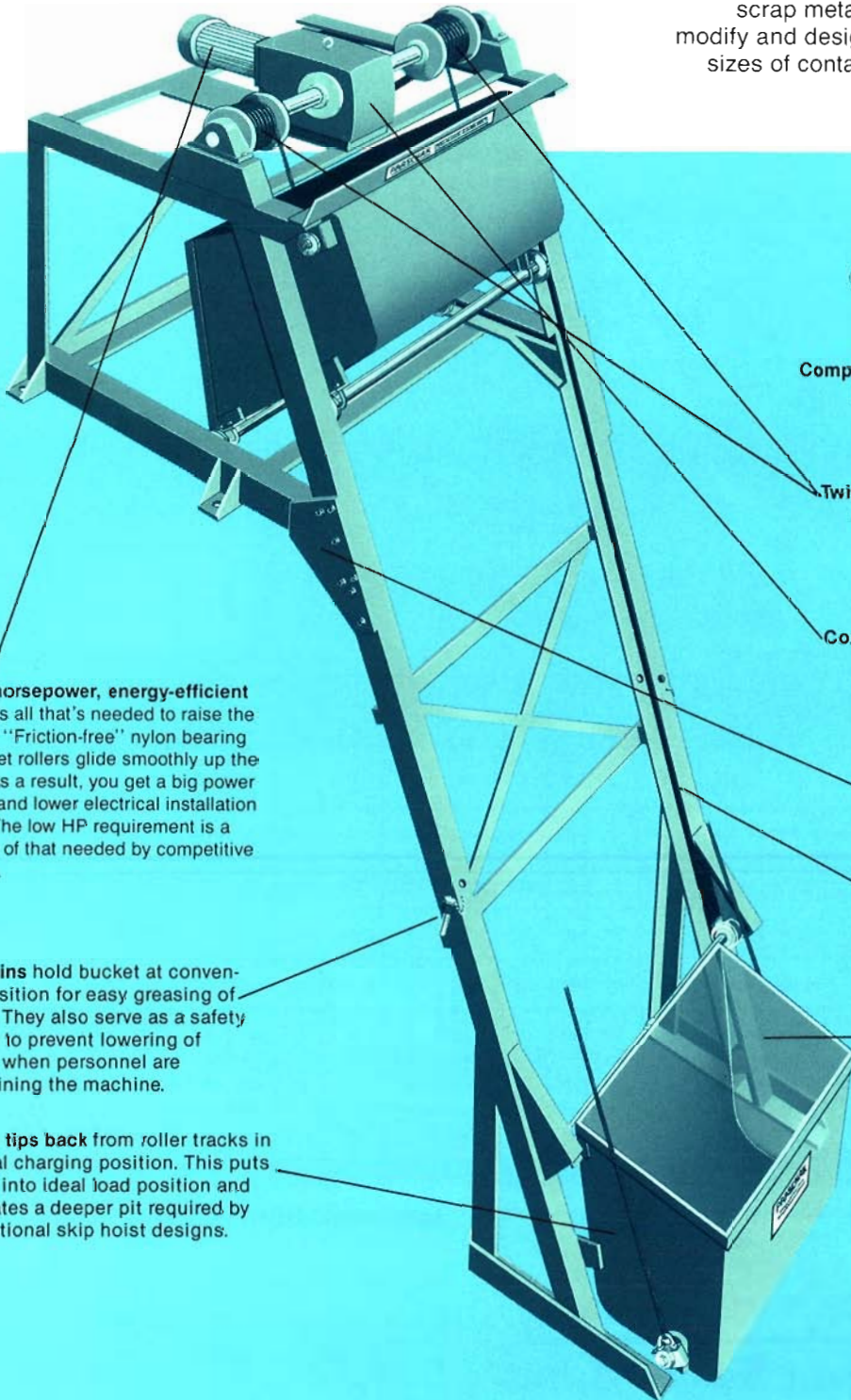
Compact, safe-drive mechanism is mounted within the hoist's frame. This lowers headroom and simplifies servicing and maintenance. Drive motor has safety brake to hold bucket in case of power failure.

Heavy-duty construction assures long life and stability on the oversized frame and track. Each one is built to give maximum production with minimum maintenance.

Roller-track design permits the bucket to discharge under the hoisting mechanism and further out over the hopper. This reduces material segregation.

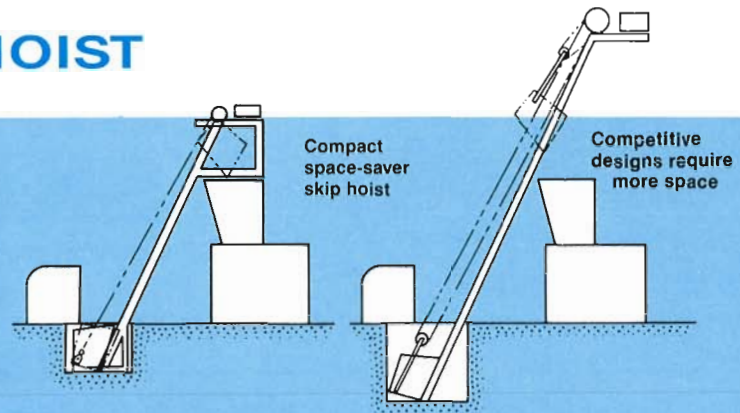
Unobstructed bucket opening permits easy loading and cleaning. There is no "bail".

Automatic operation adapts to automatic loading systems and allows operator to perform other close-by work assignments. Manual control switch will stop bucket in either travel position.

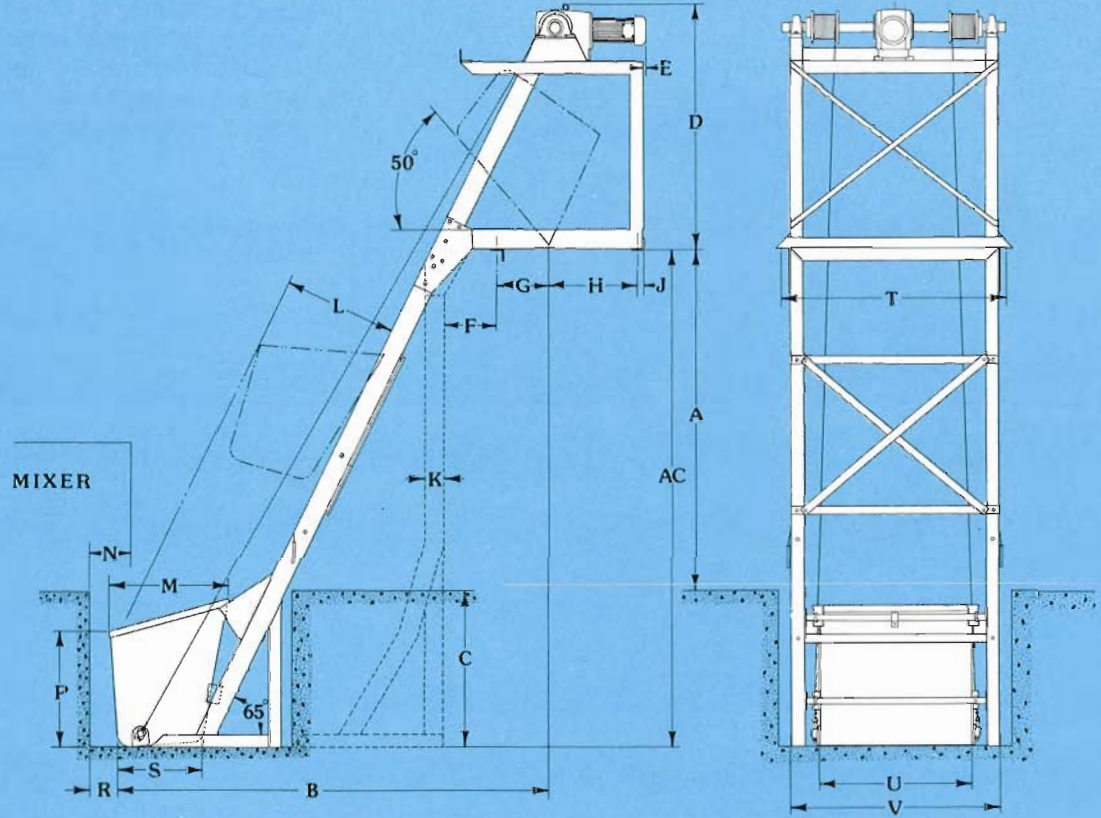
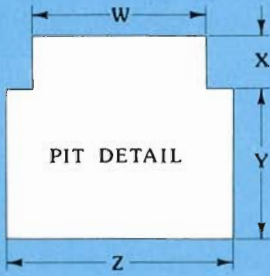


SPACE-SAVER SKIP HOIST

Judge for yourself. The drawings to the right show how you can save space and installation cost. Skip hoist tracks may be designed to any angle you require including vertical.



DIMENSIONS



SKIP SIZE	DENSITY	REQ. H.P.	BUCKET TRAVEL F.P.M.	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	X	Y	Z										
10 CU. FT.	100 lb/Cu. Ft.	1-1/2	27	V A R I A B L E	V A R I A B L E	44"	68-5/16"	—	16-7/16"	10-3/4"	34-1/4"	2"	6"	29-1/2"	31-7/8"	13-7/8"	30"	7-1/2"	26"	46-1/4"	23-1/2"	31-3/4"	32"	12"	48"	49"										
	150 lb/Cu. Ft.	2	27			44"	69-7/8"	—	16-7/16"	10-3/4"	34-1/4"	2"	6"	29-1/2"	31-7/8"	13-7/8"	30"	7-1/2"	26"	46-1/4"	23-1/2"	31-3/4"	32"	12"	48"	49"										
20 CU. FT.	100 lb/Cu. Ft.	3	27			V A R I A B L E	V A R I A B L E	46"	71-7/8"	3/8"	16-7/16"	11-5/8"	33-7/8"	2"	6"	29-1/2"	31-7/8"	13-7/8"	30"	7-1/2"	25"	71"	47-1/2"	65-3/4"	56"	12"	48"	73"								
	150 lb/Cu. Ft.	3	23					46"	75-1/8"	1-3/8"	16-7/16"	11-5/8"	33-7/8"	2"	6"	29-1/2"	31-7/8"	13-7/8"	30"	7-1/2"	25"	71"	47-1/2"	65-3/4"	56"	12"	48"	73"								
30 CU. FT.	100 lb/Cu. Ft.	3	27					V A R I A B L E	V A R I A B L E	50"	75-1/8"	1-3/8"	16-7/16"	21-13/16"	23-3/16"	2"	6"	30"	38-5/8"	13"	40-1/4"	8"	26-1/2"	71"	47-1/2"	65-3/4"	56"	17"	48"	73"						
	150 lb/Cu. Ft.	5	27							50"	75-1/8"	1-3/8"	16-7/16"	21-13/16"	23-3/16"	2"	6"	30"	38-5/8"	13"	40-1/4"	8"	26-1/2"	71"	47-1/2"	65-3/4"	56"	17"	48"	73"						
42 CU. FT.	100 lb/Cu. Ft.	5	27							V A R I A B L E	V A R I A B L E	50"	75-1/8"	1-3/8"	16-7/16"	27"	18"	2"	6"	36"	40-3/8"	13"	46-7/16"	8"	26-1/2"	71"	47-1/2"	65-3/4"	56"	17"	48"	73"				
	150 lb/Cu. Ft.	7-1/2	27									50"	78-1/8"	8-3/8"	16-7/16"	27"	18"	2"	6"	36"	40-3/8"	13"	46-7/16"	8"	26-1/2"	71"	47-1/2"	65-3/4"	56"	17"	48"	73"				
54 CU. FT.	100 lb/Cu. Ft.	7-1/2	33									V A R I A B L E	V A R I A B L E	56"	86-1/2"	5-1/4"	21-3/16"	21-7/16"	31-9/16"	2"	6"	40"	42-3/4"	10"	46"	7"	32"	92"	63-1/2"	85-3/4"	72"	15"	54"	94"		
	150 lb/Cu. Ft.	10	28											56"	91-3/8"	8-1/2"	21-3/16"	21-7/16"	31-9/16"	2"	6"	40"	42-3/4"	10"	46"	7"	32"	92"	63-1/2"	85-3/4"	72"	15"	54"	94"		
81 CU. FT.	100 lb/Cu. Ft.	10	28											V A R I A B L E	V A R I A B L E	76"	104-3/8"	2-9/16"	22-7/16"	23-9/16"	41-7/16"	2"	6"	48"	50-11/16"	15"	54"	8"	40"	92"	65-1/2"	85-3/4"	78"	29"	60"	94"
	150 lb/Cu. Ft.	10	19													76"	109-1/2"	17-7/8"	22-7/16"	23-9/16"	41-7/16"	2"	6"	48"	50-11/16"	15"	54"	8"	40"	92"	65-1/2"	85-3/4"	78"	29"	60"	94"
100 CU. FT.	100 lb/Cu. Ft.	10	28	V A R I A B L E	V A R I A B L E											72"	104-3/8"	2-9/16"	22-7/16"	25-1/8"	39-1/2"	2"	6"	49"	51"	15"	60"	7-1/2"	40"	92"	65-1/2"	85-3/4"	78"	30"	60"	94"
	150 lb/Cu. Ft.	10	19													72"	109-1/2"	17-7/8"	22-7/16"	25-1/8"	39-1/2"	2"	6"	49"	51"	15"	60"	7-1/2"	40"	92"	65-1/2"	85-3/4"	78"	30"	60"	94"

Installation planning, engineering, sales and service help available. Contact Mixer Systems, Inc., 190 Simmons Ave., Pewaukee, WI 53072. Phone 414/691-3100, Telex 297-975



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