



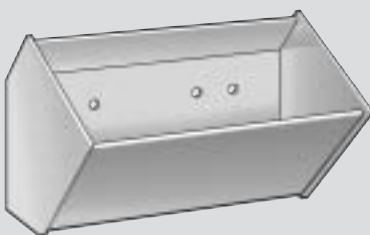
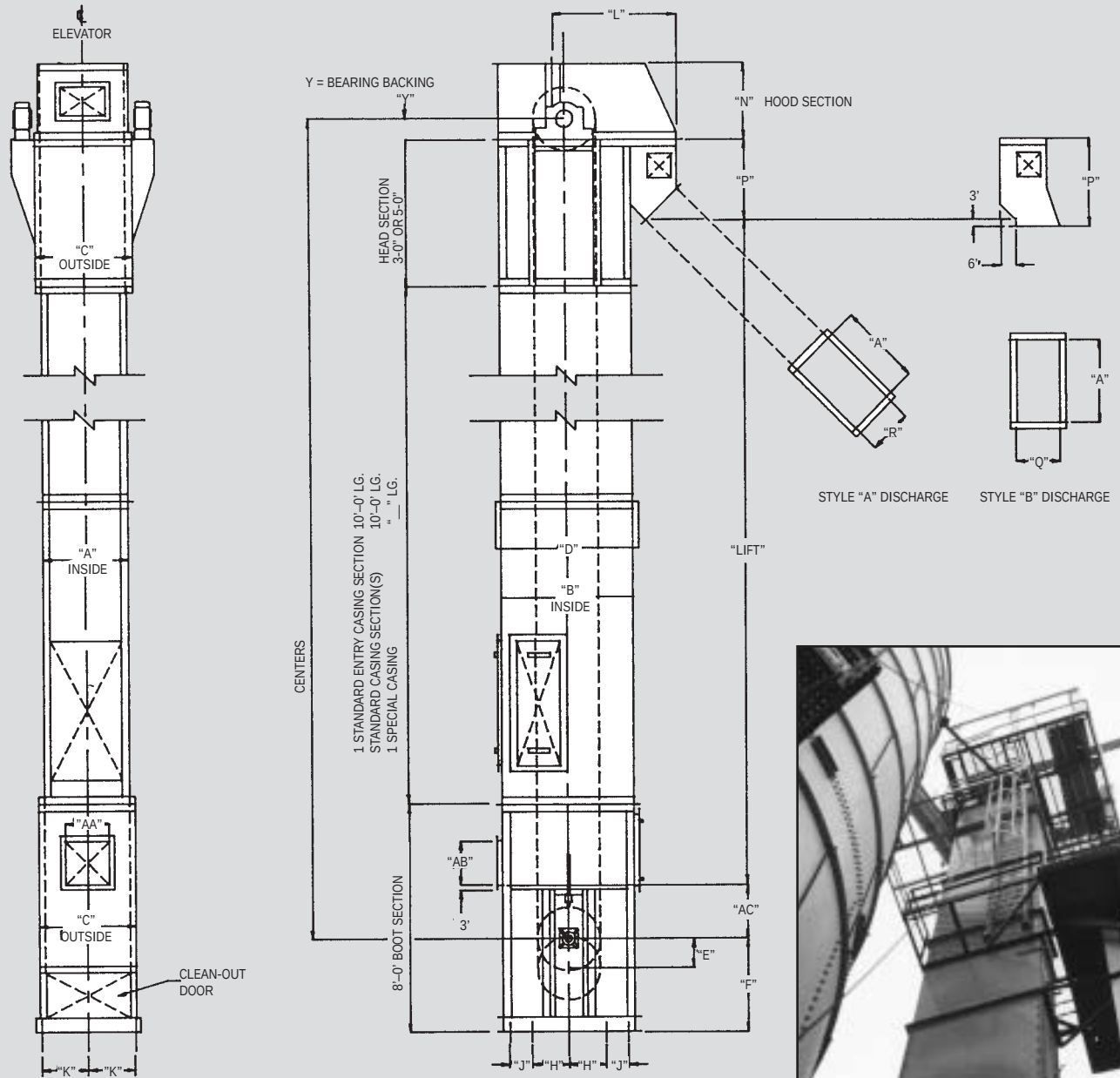
Bucket Elevators For Mill Duty and Super Capacity Service



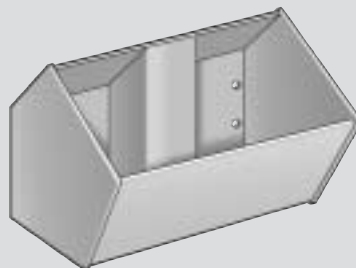
**THE EXPERIENCE
TO HANDLE IT RIGHT!®**

Screw Conveyor Corporation

MILL DUTY BUCKET ELEVATOR



AC Bucket



ACS Bucket



Mill Duty Bucket Elevator at a leading cement manufacturer.

Engineered For Continuous Reliable Service

MILL DUTY SPECIFICATIONS								
	ELEVATOR NUMBER	CASING NUMBER	CHAIN SPEED (FPM)	CUBIC FEET PER HR.	CAPACITY (TONS/HR) *			
					WEIGHT OF MATERIAL PER CU. FT.			
					50 LB.	65 LB.	80 LB.	100 LB.
STYLE AC	M12826	2056	260	2000	50	65	80	100
	M12826H	2056	260	3100	75	100	120	150
	M16826	2456	260	4400	110	140	175	220
	M181026	2664	265	7300	180	235	290	360
	M181026H	2664	265	7300	180	235	290	360
STYLE ACS	M161226	2456	285	8000	200	260	320	400
	M161226H	2456	285	8000	200	260	320	400
	M181226	2656	285	9000	225	290	360	450
	M181226H	2656	285	9000	225	290	360	450
	M161430	2464	315	10000	250	325	400	500
	M181430	2664	315	12000	300	390	480	600
	M211430	3064	315	14000	350	455	560	700
	M241430	3464	315	17000	425	550	680	850

BASED ON BUCKETS FILLED TO 75% (WATER LEVEL) OF THEORETICAL CAPACITY
HANDLING FREE-FLOWING FINES UP TO 2" LUMPS

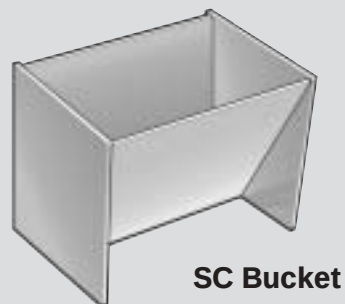
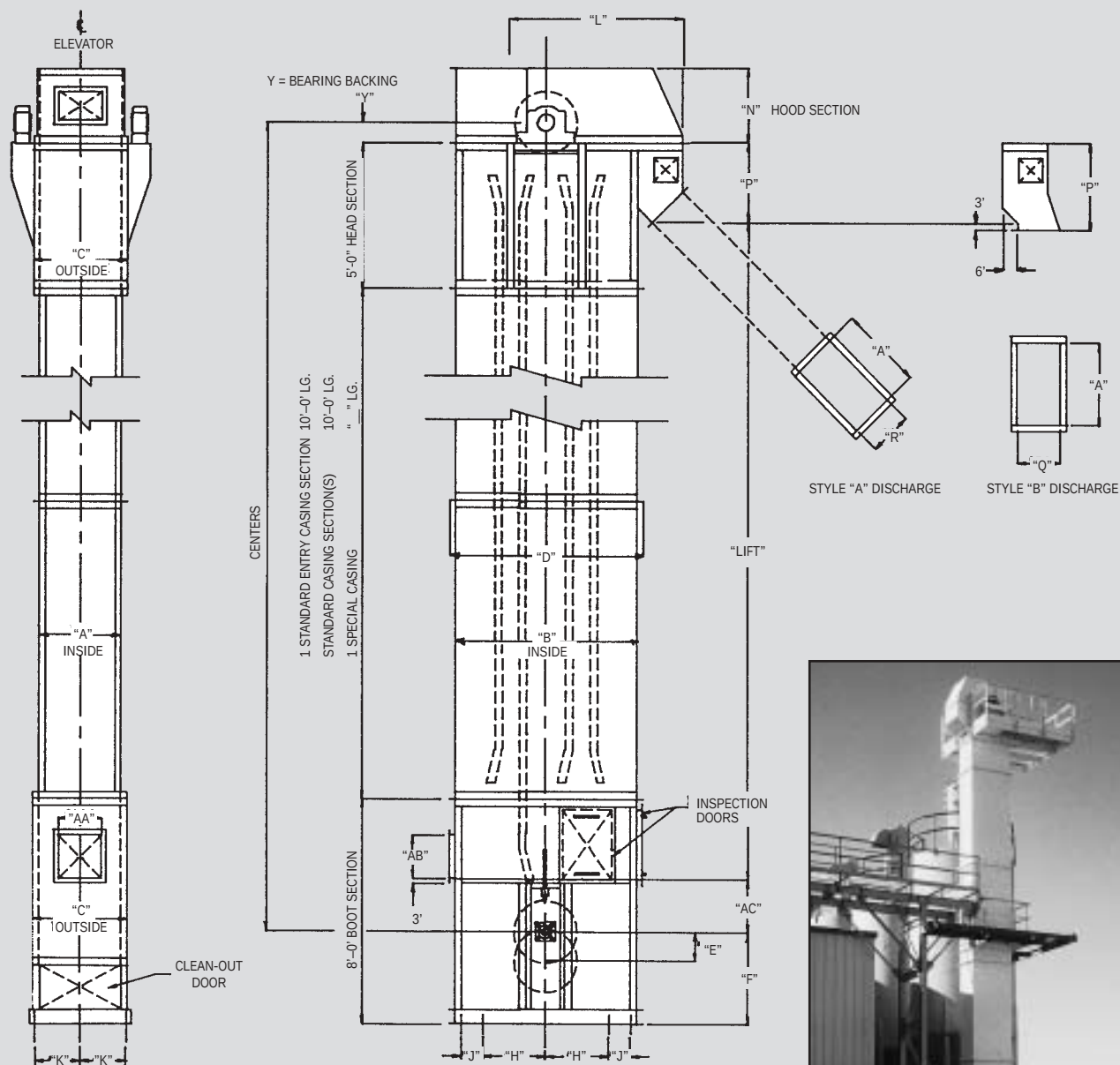
DIMENSIONS (INCHES)																
CASING NUMBER	INSIDE DIMENSIONS A X B	C	D	ADJ. E	F	H	J	K	L	N	P	Q	R	AA	AB	AC
2056	20 X 55½	25¼	60½	12	39	16¼	9	10	53½	35	43	18	18	8	16	15
2456	24 X 55½	29¾	60½	12	39	16¼	9	12	53½	35	43	18	18	11	20	15
2656	26 X 55½	31¼	60½	12	39	16¼	9	13	53½	35	43	18	18	12	20	15
2464	24 X 64	29¾	69	12	43	20½	9	14	57¾	41	49	18	18	11	20	15
2664	26 X 64	31¼	69	12	43	20½	9	15	57¾	41	49	18	18	12	20	15
3064	30 X 64	35¼	69	12	43	20½	9	17	57¾	41	49	18	18	14	22	15
3464	34 X 64	39¾	69	12	43	20½	9	19	57¾	41	49	18	18	16	24	15

SUPER CAPACITY SPECIFICATIONS						
ELEVATOR NUMBER	CASING NUMBER	CHAIN SPEED (FPM)	CAPACITY (TONS/HR) *			
			WEIGHT OF MATERIAL PER CU. FT.			
			50 LB.	75 LB.	100 LB.	
SC-12831	2654	100	55	85	110	
SC-14831	2854	100	65	100	130	
SC-16831	3054	100	75	110	145	
SC-18831	3254	100	85	125	165	
SC-20831	3454	100	95	150	185	
SC-161229	3160	120	135	200	270	
SC-201229	3560	120	170	250	340	
SC-241229	3960	120	200	315	400	
SC-301229	4560	120	250	375	500	
SC-361229	5160	120	300	450	600	

* BASED ON BUCKETS FILLED TO 75% OF CAPACITY AND SPEED AS NOTED.

DIMENSIONS (INCHES)																
CASING NUMBER	INSIDE DIMENSIONS A X B	C	D	ADJ. E	F	H	J	K	L	N	P	Q	R	AA	AB	AC
2654	26 x 54	33¾	59	12	38	15½	9	15	45¾	31	33	18	18	10	18	22
2854	28 x 54	35¾	59	12	38	15½	9	16	45¾	31	33	18	18	12	18	22
3054	30 x 54	37¾	59	12	38	15½	9	17	45¾	31	33	18	18	14	18	22
3254	32 x 54	36¾	59	12	38	15½	9	18	45¾	31	33	18	18	16	18	22
3454	34 x 54	41¼	59	12	38	15½	9	19	45¾	31	33	18	18	18	18	22
3160	31 x 60	38¾	65	12	45	18½	9	17½	48¾	38	37½	18	18	14	18	36
3560	35 x 60	42¾	65	12	45	18½	9	19½	48¾	38	37½	18	18	18	18	36
3960	39 x 60	43¾	65	12	45	18½	9	21½	48¾	38	37½	18	18	22	18	36
4560	45 x 60	51¼	65	12	45	18½	9	24½	48¾	38	37½	18	18	28	18	36
5160	51 x 60	58¾	65	12	45	18½	9	27½	48¾	38	37½	18	18	34	18	36

SUPER CAPACITY BUCKET ELEVATOR



SC Bucket



Super Capacity Bucket Elevator at an innovative recycling facility.



GENERAL SPECIFICATIONS

MILL DUTY AND SUPER CAPACITY BUCKET ELEVATORS

The M/S intermediate Tem-u-loc™ casing design provides for the strength normally found in corner angle panel construction casings. By virtue of this construction we not only maintain the strength, but gain many positive features such as:

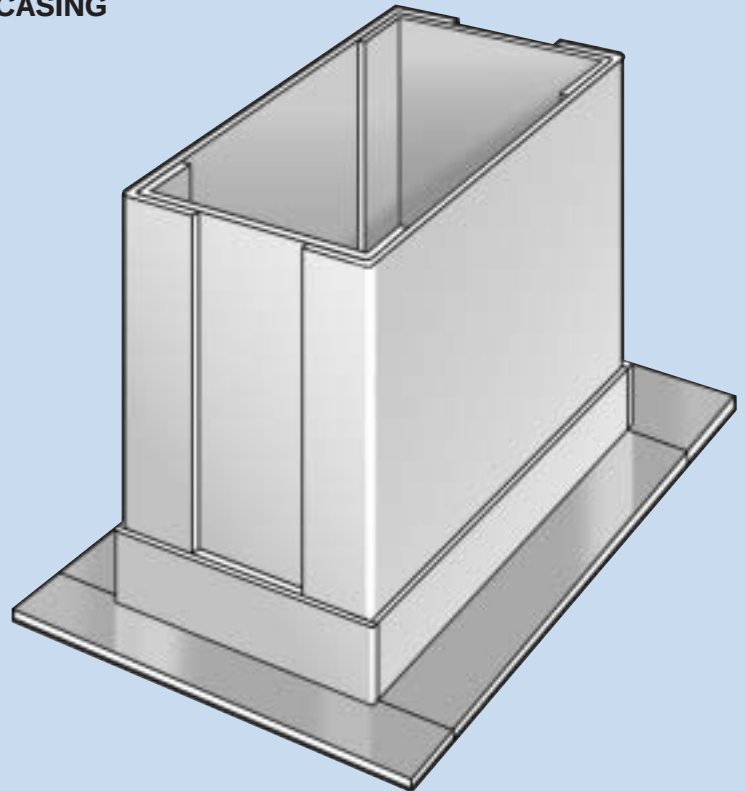
- Rugged design with good looks.
- Exterior welds are minimized — less chance for leakage.
- Rounded inside corners reduce material build-up.
- Continuous, reliable service.
- Extra-heavy, fixture positioned angle end flange frames, continuously seal welded, assure proper alignment in field erection.



Mill Duty Elevators -- Centrifugal Discharge

These elevators developed primarily for use in the Cement Industry can also be used for handling many other products in similar abrasive applications. Two styles of buckets are used – the AC Bucket which has a flat back and the ACS Bucket which has a saddleback design where the buckets wrap around the chain sides. Both of these buckets have hooded backs which allow continuous spacing. Both buckets will handle free-flowing materials up to a 2" size lump.

TEM-U-LOC™ CASING

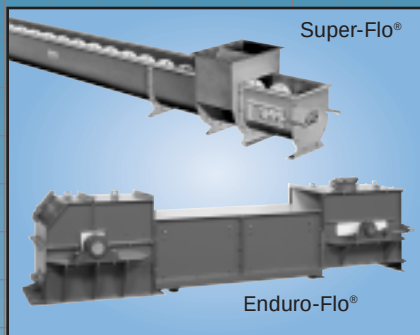
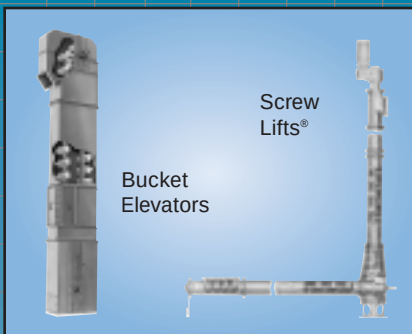


TYPICAL TEM-U-LOC™ CASING CONSTRUCTION
MINIMUM THICKNESS = 9 GA.

Super Capacity Elevators -- Continuous Discharge

These elevators provide an expansion of our Industrial Series COB and COC Continuous Bucket elevator lines. These Super Capacity units are designed to elevate large volumes of heavy and/or abrasive materials. These products can range from fines to large lumps with densities up to 100 pounds per cubic foot. Heavy steel buckets (minimum # 10 ga.) are mounted between two strands of roller chain with rear of buckets extending back of the chain centerline thus affording greater carrying capacity. Roller chain is contained by extra heavy duty track angle guides.

EXPERIENCE IN MOTION



For Over 70 Years We Have Been A Dependable Source For
Performance Proven Industrial Bulk Material Handling Equipment.
Put Our Experience to Work for You.



**THE EXPERIENCE
TO HANDLE IT RIGHT!®**

Screw Conveyor Corporation

700 HOFFMAN STREET, HAMMOND, INDIANA 46327-1894 PHONE 219-931-1450 FAX: 800-805-6527 WEB ADDRESS: www.screwconveyor.com
Winona, MS 662-283-3142 Visalia, CA 559-651-2131 Chanute, KS 620-431-0440 Guadalajara, Jal. Mexico 333-645-7110
FAX: 800-213-3084 FAX: 800-651-2135 FAX: 800-213-3086 FAX: 333-663-2369