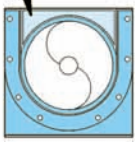


A ABEL FEEDER SCREWS

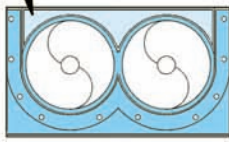


FEEDER SCREW COMBINATIONS

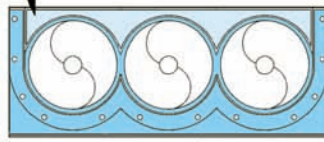
SHROUD SINGLE



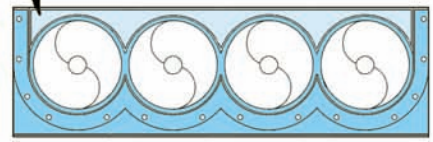
SHROUD DOUBLE



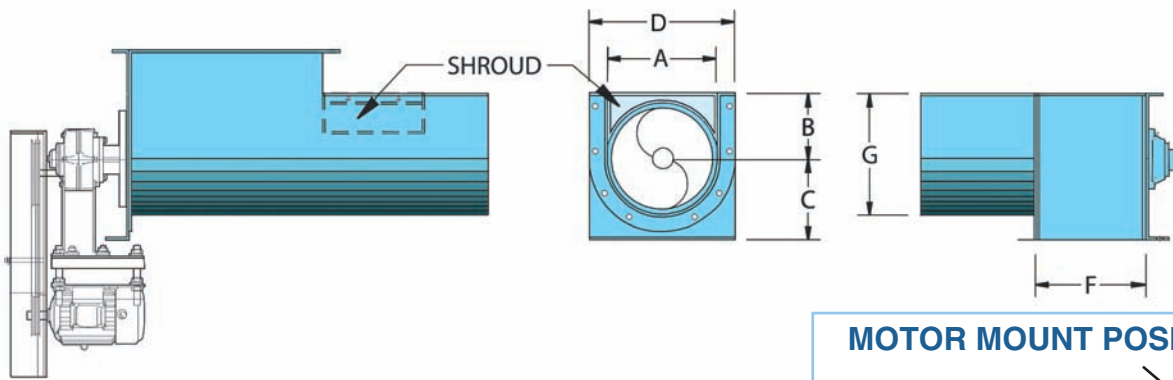
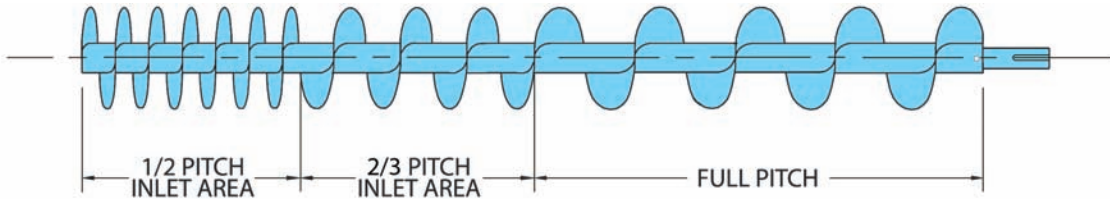
SHROUD TRIPLE



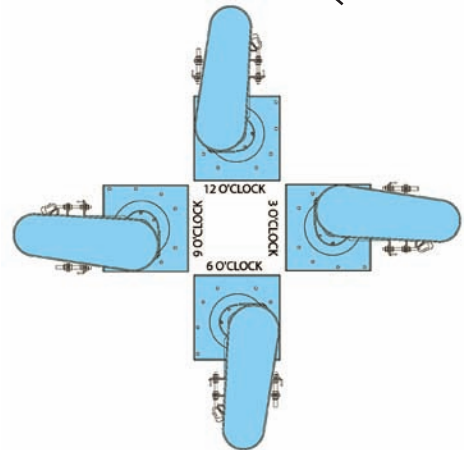
SHROUD FULL LIVE BOTTOM



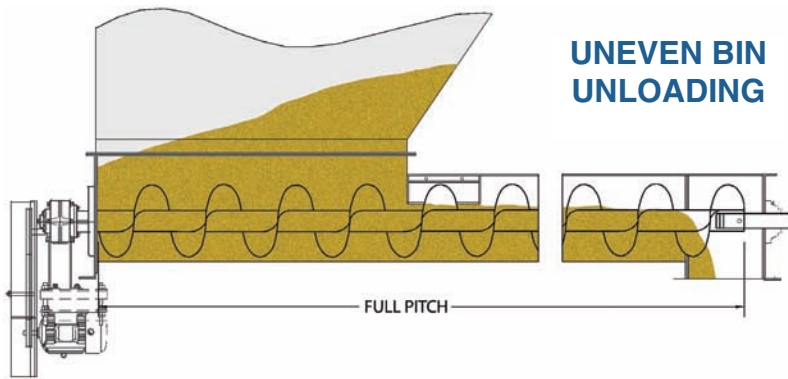
FEEDER SCREW SPIRAL



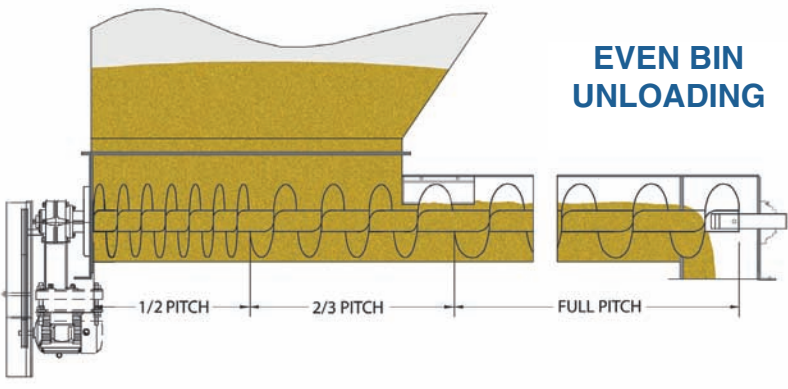
MOTOR MOUNT POSITIONS



UNEVEN BIN UNLOADING

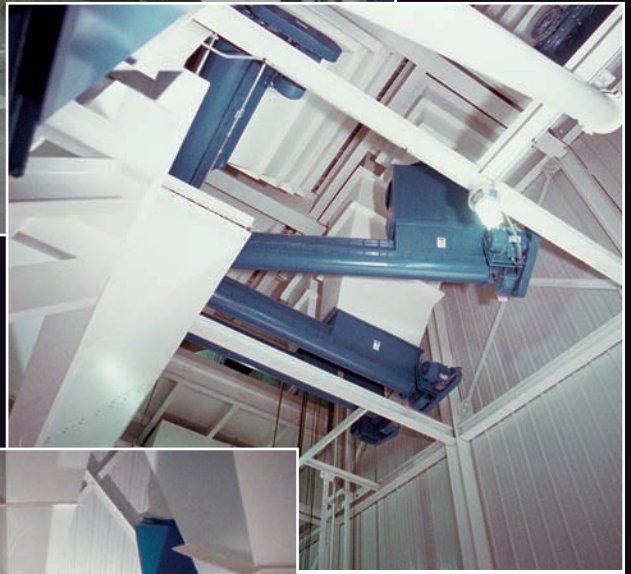
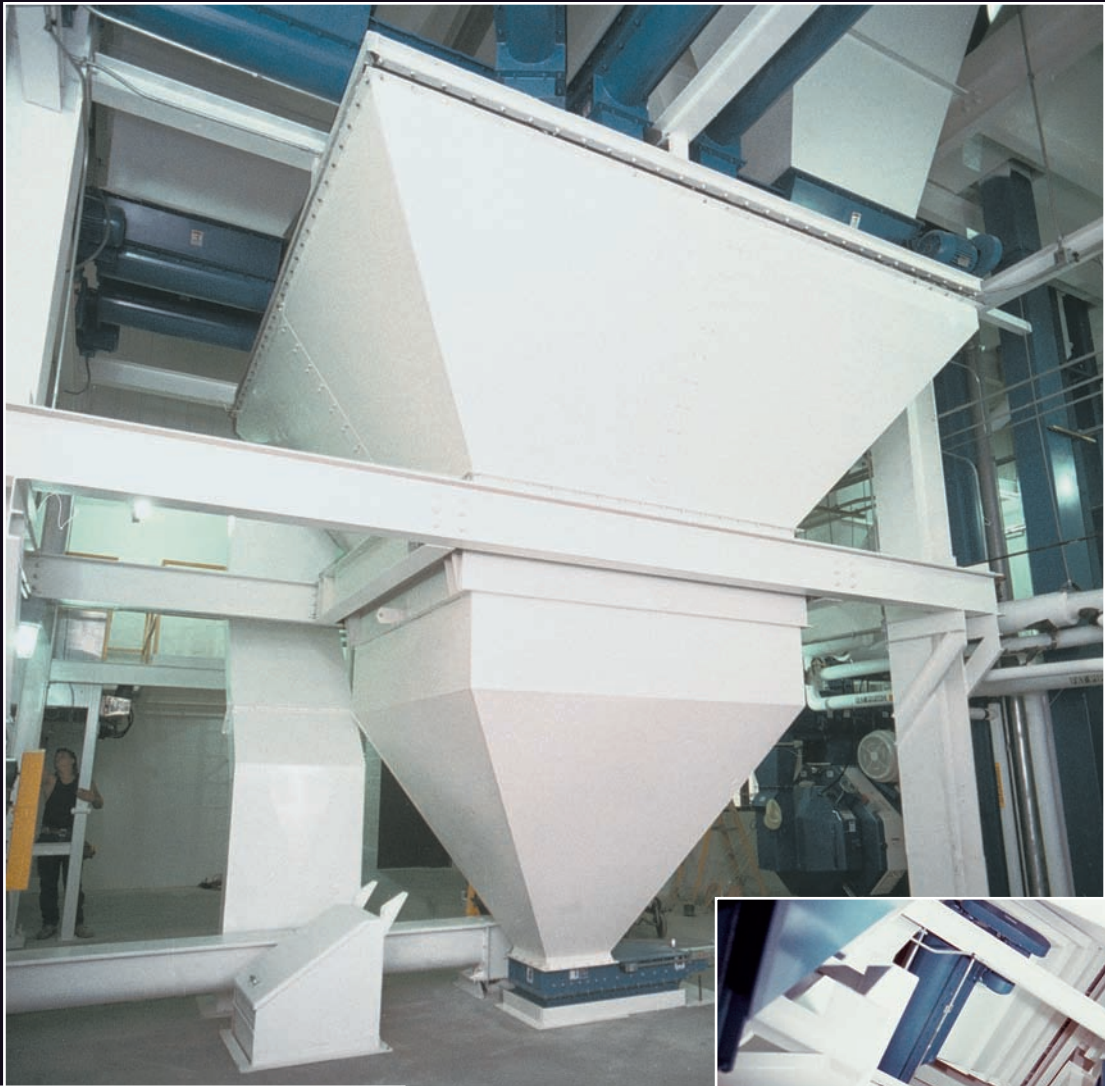


EVEN BIN UNLOADING

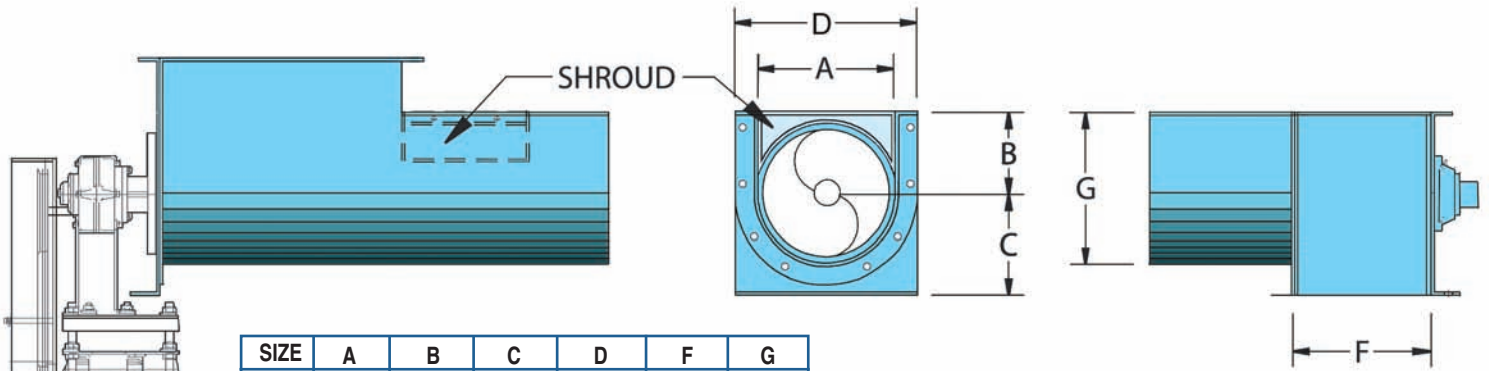


CAPACITIES OF SINGLE SCREW FEEDERS

SIZE	MAXIMUM RPM	CFH@ 1 RPM	CFH@ MAX. RPM
4	75	1.46	110
6	70	4.98	349
9	65	18.5	1,203
12	60	44.4	2,664
14	55	70	3,850
16	50	104.7	5,235
18	45	151	6,795
20	40	209	8,360
24	30	363	10,890

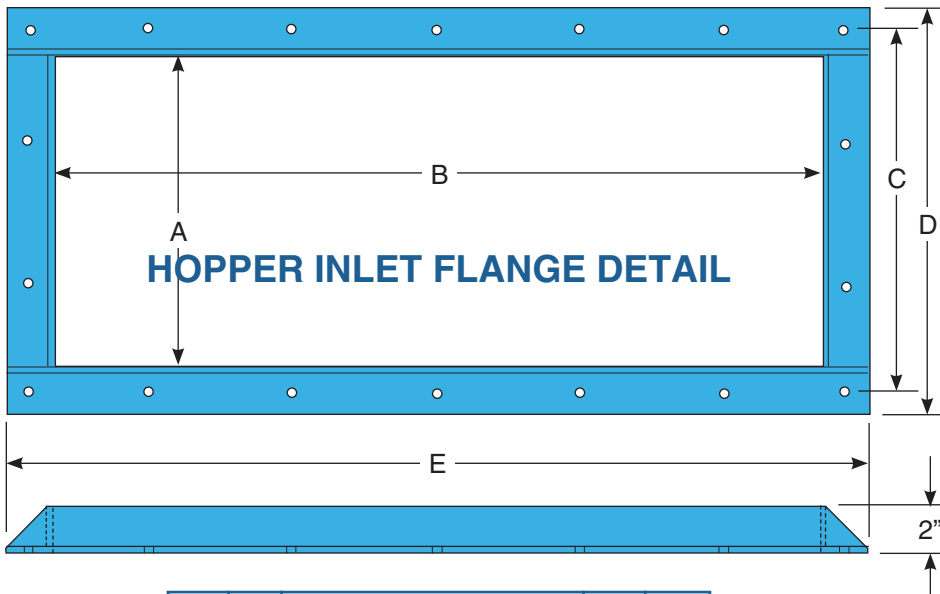
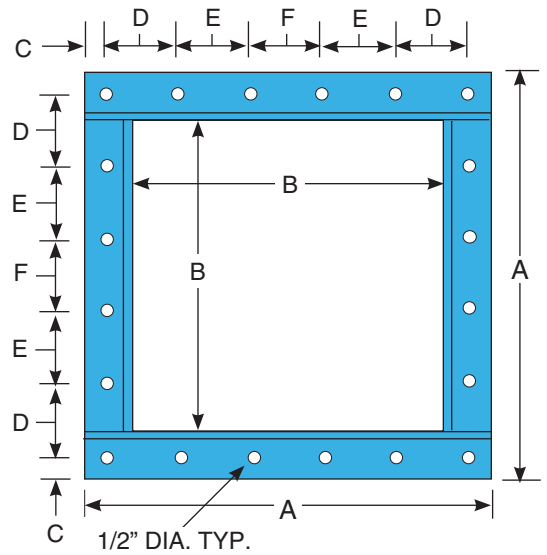


ABEL FEEDER SCREW DIMENSIONS



SIZE	A	B	C	D	F	G
6"	7"	4-1/2"	5-5/8"	11"	7"	8-1/8"
9"	10"	6-1/8"	7-7/8"	14"	10"	11-1/4"
12"	13"	7-3/4"	9-5/8"	17"	13"	14-3/8"
14"	15"	9-1/4"	10-7/8"	19"	15"	16-7/8"
16"	17"	10-5/8"	12"	21"	17"	19-1/4"

DISCHARGE FLANGE DETAIL

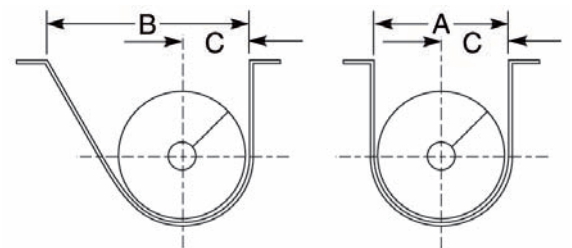


HOPPER INLET FLANGE DETAIL

SIZE	A	B	C	D	E	F
6"	11"	7"	1-3/16"	2-13/16"	--	3"
9"	14"	10"	1"	4"	--	4"
12"	17"	13"	3/4"	5-1/8"	--	5-1/4"
14"	19"	15"	3/4"	3-1/2"	3-1/2"	3-1/2"
16"	21"	17"	3/4"	3-3/4"	4"	4"

A	B	C	D	E
7"	12"	3 Holes @ 4-1/2" O/C	11"	16"
7"	24"	3 Holes @ 4-1/2" O/C	11"	28"
7"	36"	3 Holes @ 4-1/2" O/C	11"	40"
7"	48"	3 Holes @ 4-1/2" O/C	11"	52"
10"	12"	4 Holes @ 3", 6", 3" O/C	14"	16"
10"	24"	4 Holes @ 3", 6", 3" O/C	14"	28"
10"	36"	4 Holes @ 3", 6", 3" O/C	14"	40"
10"	48"	4 Holes @ 3", 6", 3" O/C	14"	52"
13"	18"	4 Holes @ 4-1/2", 6", 4-1/2" O/C	17"	16"
13"	24"	4 Holes @ 4-1/2", 6", 4-1/2" O/C	17"	28"
13"	36"	4 Holes @ 4-1/2", 6", 4-1/2" O/C	17"	40"
13"	48"	4 Holes @ 4-1/2", 6", 4-1/2" O/C	17"	52"
15"	18"	4 Holes @ 5-1/2", 6", 5-1/2" O/C	19"	22"
15"	24"	4 Holes @ 5-1/2", 6", 5-1/2" O/C	19"	28"
15"	36"	4 Holes @ 5-1/2", 6", 5-1/2" O/C	19"	40"
15"	48"	4 Holes @ 5-1/2", 6", 5-1/2" O/C	19"	52"
15"	60"	4 Holes @ 5-1/2", 6", 5-1/2" O/C	19"	64"
17"	18"	4 Holes @ 6-1/2", 6", 6-1/2" O/C	21"	22"
17"	24"	4 Holes @ 6-1/2", 6", 6-1/2" O/C	21"	28"
17"	36"	4 Holes @ 6-1/2", 6", 6-1/2" O/C	21"	40"
17"	48"	4 Holes @ 6-1/2", 6", 6-1/2" O/C	21"	52"
17"	60"	4 Holes @ 6-1/2", 6", 6-1/2" O/C	21"	64"

STRAIGHT & FLARED INLET



SIZE	A	B	C
6"	7"	10-1/2"	3-1/2"
9"	10"	14"	5"
12"	13"	15-1/2"	6-1/2"
14"	15"	19-1/2"	7-1/2"
16"	17"	22-1/2"	8-1/2"

FEEDER SCREW SWIVEL TRANSITION

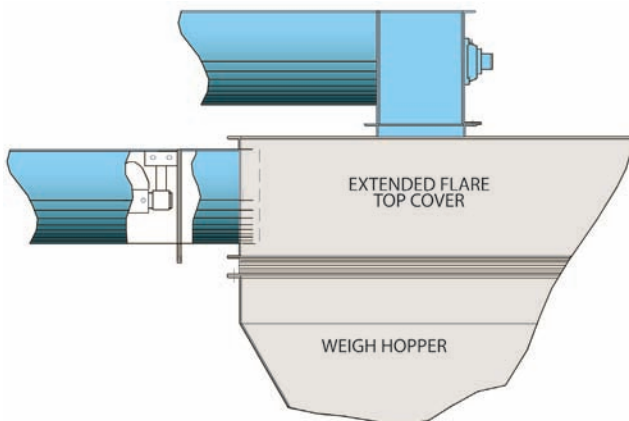
SWIVEL TRANSITIONS

18" SWIVEL

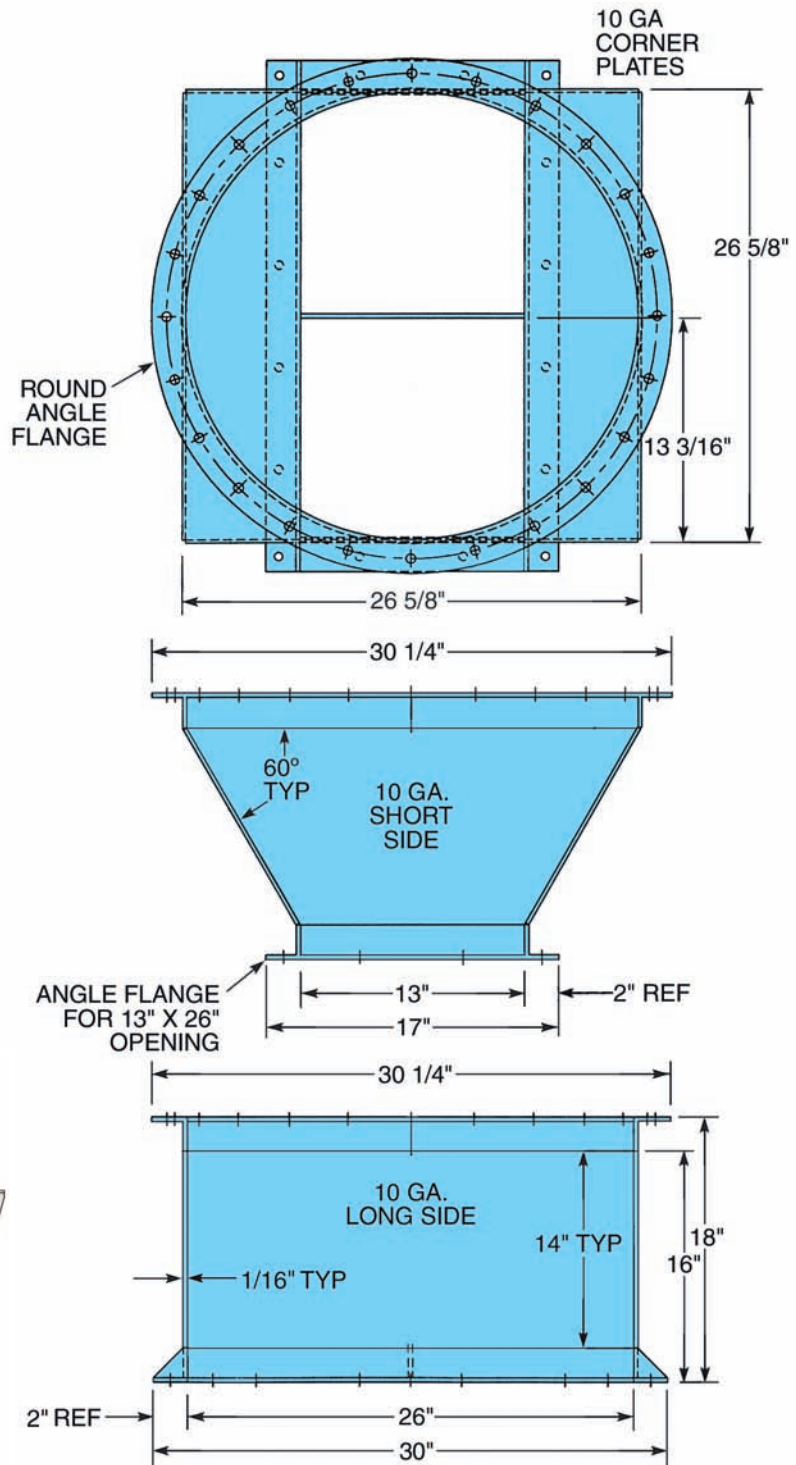


The feeder Screw Swivel Transition has a large inlet opening especially designed for hard to move materials and yet has the ability to angle the feeder screw to the weigh hopper cover with-in fractions of an inch. This is especially desirable when you have a very tight spouting pattern.

TWO SCREW CONVEYOR TYPE DISCHARGES INTO WEIGH HOPPER



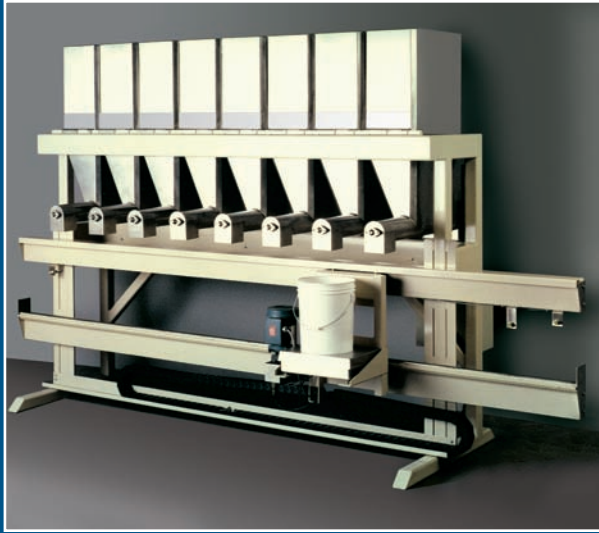
Abel offers two approaches for conveying material into a weigh hopper. This is ideal when several feeder screws are required to load into a single weigh hopper. With the side loading method, the material is simply pushed the remaining 10 inches into the weigh hopper. This keeps the hanger bearing outside of the weigh hopper for easy servicing.



SWIVEL TRANSITION SPECIFICATIONS

	SWT-18	SWT-24	SWT-30
INLET	18" SQ.	24" SQ.	30" SQ.
O.A.	18" HT.	24" HT.	30" HT.
SWIVEL I. D.	26 5/8" DIA.	34 1/2" DIA.	44 1/4" DIA.
SWIVEL O. D.	34 1/4" DIA.	38 1/4" DIA.	48 1/4" DIA.

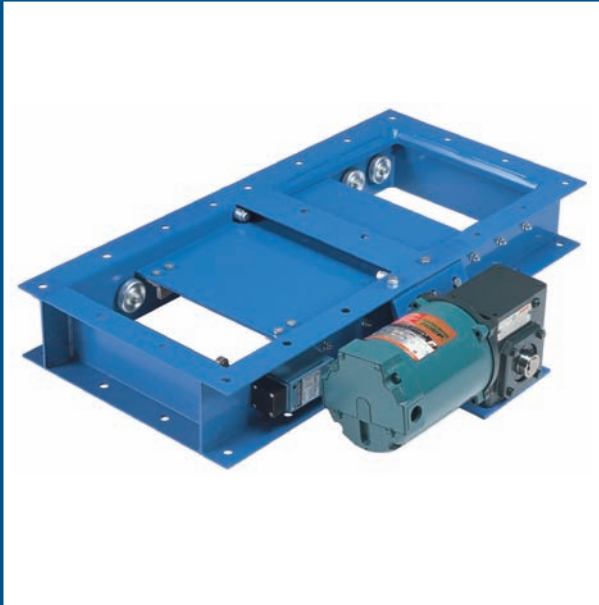
OTHER QUALITY PRODUCTS FROM ABEL



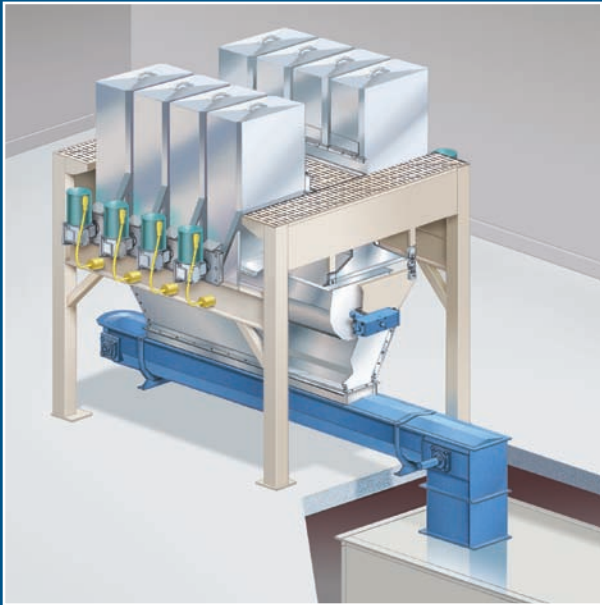
MS/3 Micro System



Customized Control Gates




Standard Control Gates



MS/1 Micro System

SERVICES PROVIDED BY ABEL

-  DESIGN AND ENGINEERING ASSISTANCE
-  NEW PLANT DESIGN
-  PLANT MODERNIZATION



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