

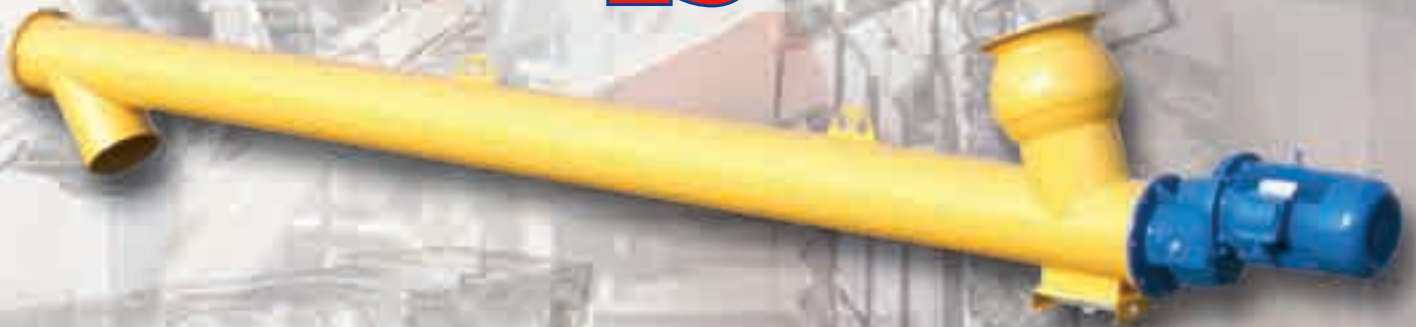


WAM[®] Inc.



SCREW CONVEYORS FOR CEMENT AND FLYASH

ES



FEATURE	FUNCTION	BENEFIT
✓ Modular construction	✓ EASES THE ASSEMBLING	✓ Fast assembly ✓ Rigid construction ✓ Ease of shipping
✓ All connections splined	✓ EASES ASSEMBLING DISASSEMBLING AND INSTALLATION	✓ Higher strength than standard competitor bolted shafts
✓ Heavy-duty gearbox	✓ DIRECT DRIVE	✓ No belts ✓ No slippage ✓ Lower maintenance
✓ Special designed intermediate bearings	✓ REDUCES PRODUCT OBSTRUCTION	✓ Higher loads ✓ Better alignment ✓ Less play
✓ Swivel spouts	✓ ADJUSTABLE ANGLE OF INCLINATION	✓ Allows easy adjustments during installation

Average 2 weeks delivery !

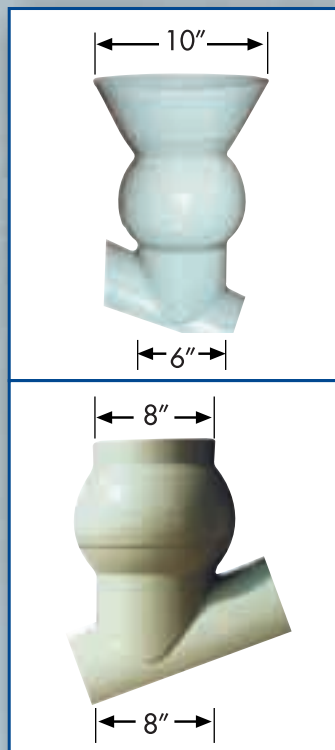
STANDARD SIZE AND OUTPUTS

	Nom. Tube Ø	Length Range		Motor Range		Standard Feed Rate Cement	
		feet	meters	kW	HP	lbs/min	ton/hour
ES.114	4"	3 - 45	1 - 15	1.5 - 4	2 - 5.5	233	7
ES.168	6"	3 - 45	1 - 15	2.2 - 7.5	3 - 10	1050	29
ES.219	8"	3 - 45	1 - 15	5.5 - 15	7.5 - 20	2800	80
ES.273	10"	3 - 45	1 - 15	5.5 - 18.5	7.5 - 25	4000	115
ES.323	12"	3 - 45	1 - 15	11 - 22	15 - 30	6000	190
ES.323	12"	3 - 23	1 - 7	22 - 30	30 - 40	7000	220

Code Breakdown

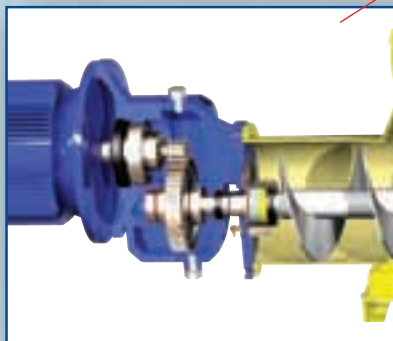
ES.(external Ø in mm).(length in meters).(motor size)
 Example: ES.219.7.1100 = 8" diameter - 7 meters long - 11.0 kW (15.0 HP)

Portland cement (70 lbs/cf)



Swivel spout - ranges from 6"-12"
for inlet or Discharge

Spline design



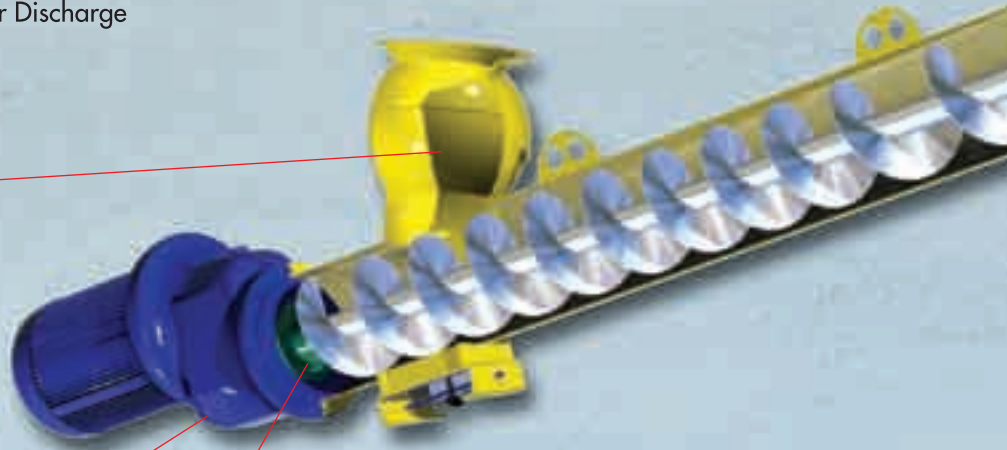
GEARBOX

- Heavy-duty construction
- Oversized gears

Standard Screw

- Motor
- Gearbox
- Inlet & discharge with same diameter as trough tube
- Motor and gearbox on inlet

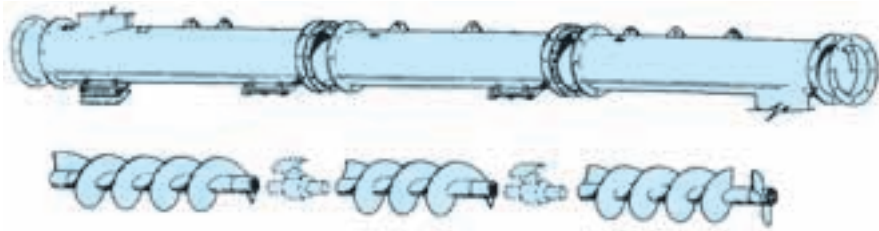
SCRE
ESPEC
CE/



Options

- Drive on discharge end
- Heavy-duty hanger bearings
- Swivel spout - ranges from 6" - 12" on top and/or bottom

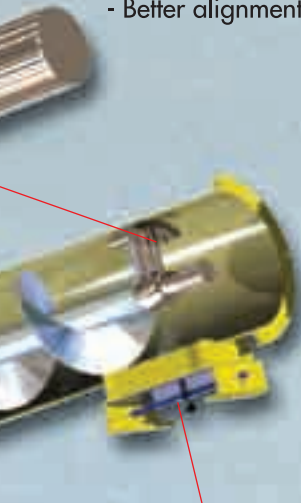
side



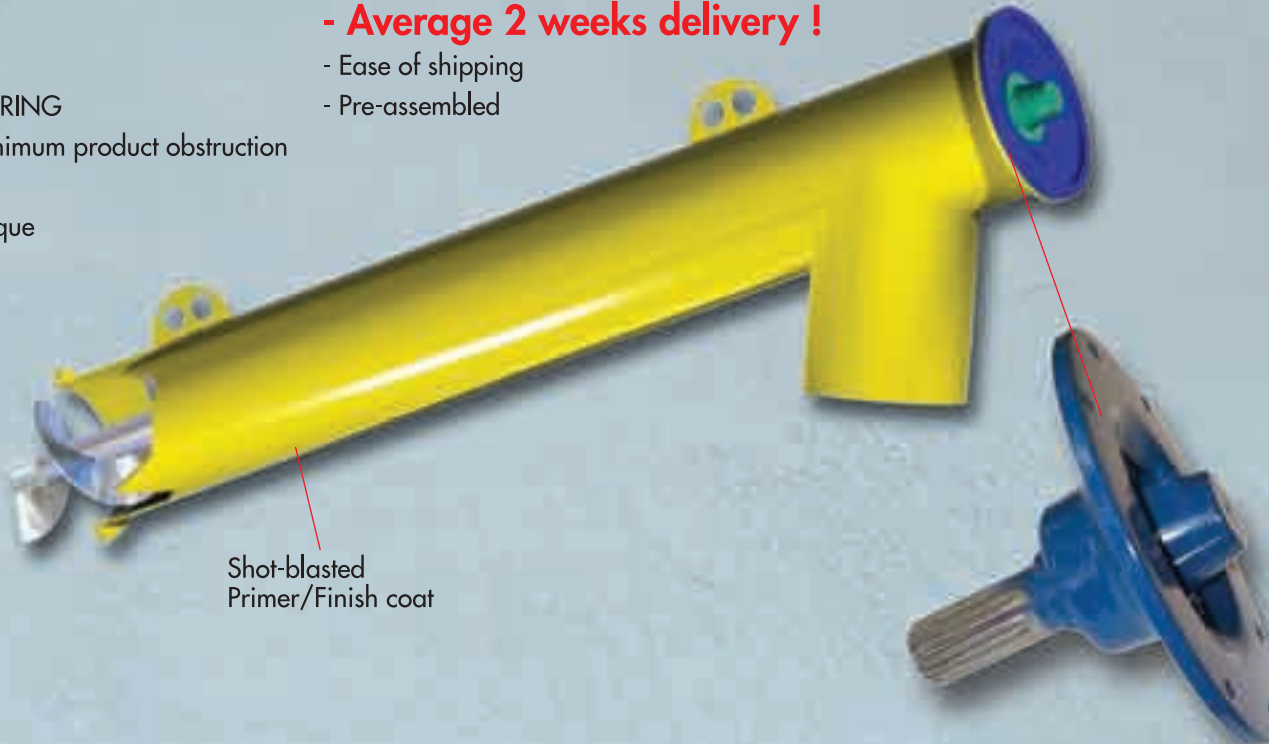
NEW CONVEYORS ARE SPECIALLY DESIGNED FOR CEMENT AND FLYASH

INTERMEDIATE BEARING

- Engineered for minimum product obstruction
- Low maintenance
- Transmits none torque
- Better alignment



Standard hanger inspection



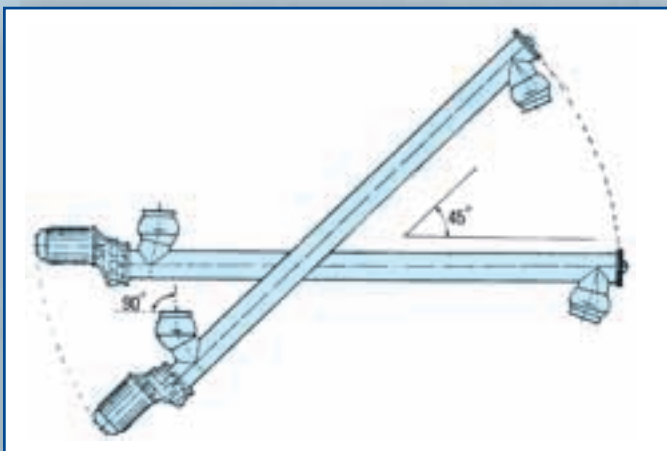
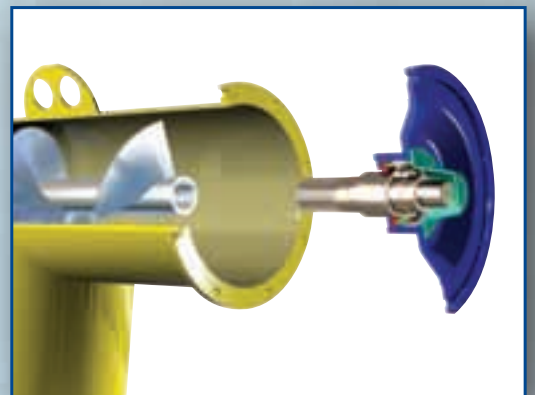
Shot-blasted
Primer/Finish coat

MODULAR CONSTRUCTION

- Average 2 weeks delivery !

- Ease of shipping
- Pre-assembled

END BEARING WITH SPLINED COUPLING
Faster installation - Lower maintenance

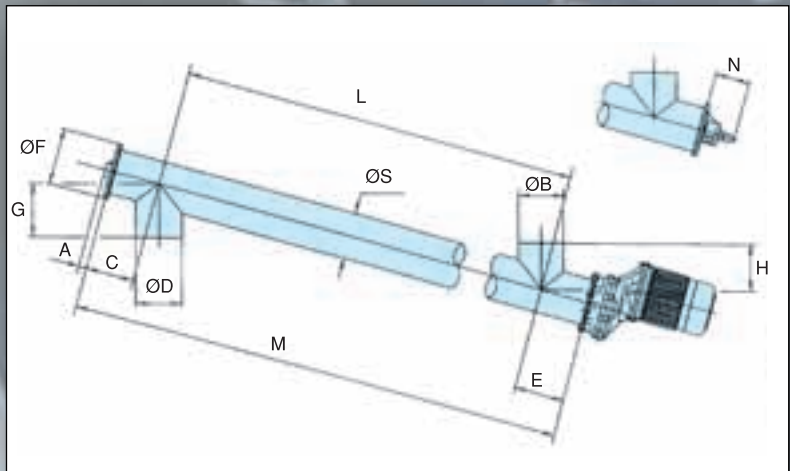


SWIVEL SPOUT ADJUSTABLE INCLINATION

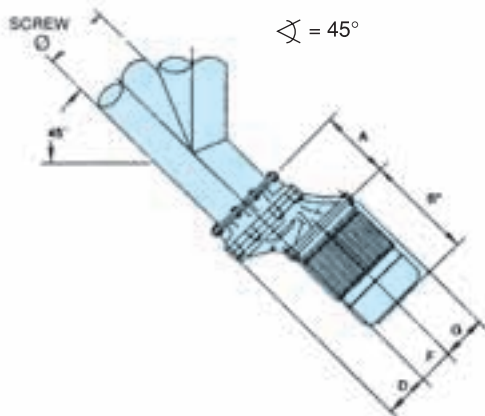
Flexible tolerance - Allows for easy field installation

DIMENSIONS

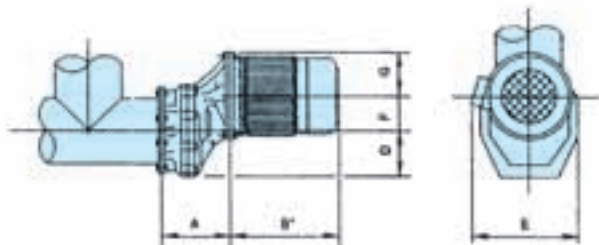
	mm					inches				
Ø S	114	168	219	273	323	4"	6"	8"	10"	12"
A	56	40	40	40	40	2.2	1.57	1.57	1.57	1.57
Ø B	great variety of standard options									
C	120	140	160	160	220	4.72	5.51	6.30	7.09	8.66
Ø D	great variety of standard options									
E	140	160	180	220	220	5.51	6.30	7.09	8.66	8.66
L	great variety of standard options									
Ø F	190	250	275	330	405	7.48	9.84	10.83	12.99	15.94
G	great variety of standard options									
H										
M										
N										
	131	173	173	173	173	5.16	6.81	6.81	6.81	6.81



MOTORS AND GEARBOXES



∠ = 0°

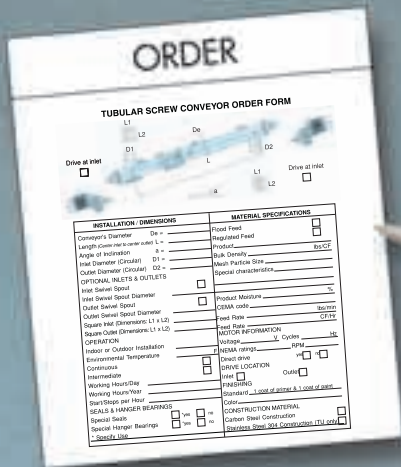


M17		mm						inches					
HP	kW	A	B	D	E	F	G	A	B	D	E	F	G
2.0	1.5	154	278	100	250	83	100	6.06	10.9	3.94	9.84	3.27	3.94
3.0	2.2	164	302	100	270	83	125	6.45	11.9	3.94	10.6	3.27	4.92
5.5	4.0	164	334	100	270	83	125	6.45	13.1	3.94	10.6	3.27	4.92
7.5	5.5	199	371	100	322	83	150	7.83	14.6	3.94	12.7	3.27	5.90

M12		mm						inches					
HP	kW	A	B	D	E	F	G	A	B	D	E	F	G
5.5	4.0	202	334	106	270	100	125	7.95	13.1	4.17	10.6	3.94	4.92
7.5	5.5	223	371	106	322	100	150	8.78	14.6	4.17	12.7	3.94	5.91
10	7.5	223	409	106	322	100	150	8.78	16.1	4.17	12.7	3.94	5.91
15	11	253	485	106	413	100	175	9.96	19.1	4.17	16.3	3.94	6.89

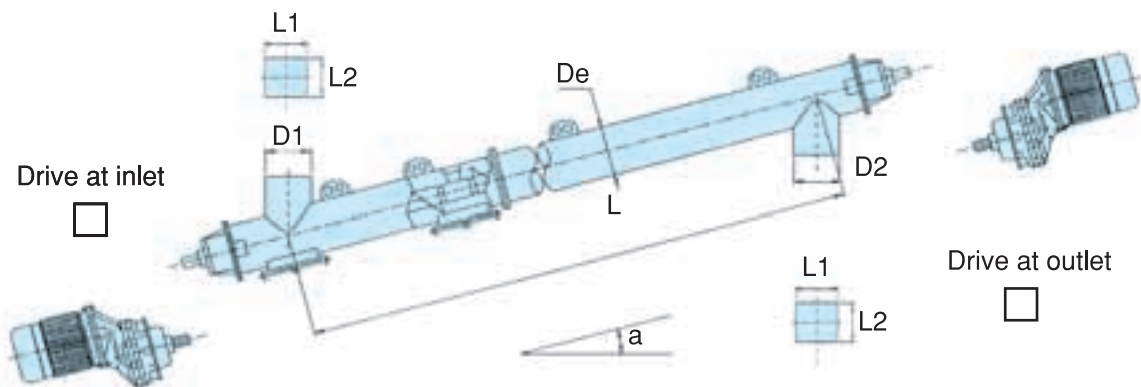
M11		mm						inches					
HP	kW	A	B	D	E	F	G	A	B	D	E	F	G
7.5	5.5	242	371	130	322	130	150	9.53	14.6	5.12	12.7	5.12	5.91
10	7.5	242	409	130	322	130	150	9.53	16.1	5.12	12.7	5.12	5.91
15	11	272	485	130	405	130	175	10.7	19.1	5.12	15.9	5.12	6.89
20	15	272	529	130	405	130	175	10.7	20.8	5.12	15.9	5.12	6.89

M15		mm						inches					
HP	kW	A	B	D	E	F	G	A	B	D	E	F	G
15	11	263	485	200	405	162	175	10.4	19.1	7.9	15.9	6.38	6.89
20	15	263	529	200	405	162	175	10.4	20.8	7.9	15.9	6.38	6.89
25	18.5	263	543	200	421	162	175	10.4	21.4	7.9	16.8	6.38	6.89
30	22	263	619	200	421	162	175	10.4	21.4	7.9	16.6	6.38	6.89
40	30	263	665	200	505	162	200	10.4	26.2	7.9	19.8	6.38	7.87



LET US KNOW :

TUBULAR SCREW CONVEYOR ORDER FORM



INSTALLATION / DIMENSIONS		MATERIAL SPECIFICATIONS	
Conveyor's Diameter	De = _____	Flood Feed	<input type="checkbox"/>
Length (center inlet to center outlet)	L = _____	Regulated Feed	<input type="checkbox"/>
Angle of Inclination	a = _____	Product _____	
Inlet Diameter (circular)	D1 = _____	Bulk Density _____	lbs/CF
Outlet Diameter (circular)	D2 = _____	Mesh Particie Size _____	
OPTIONAL INLETS & OUTLETS		Special characteristics _____	
Inlet Swivel Spout	<input type="checkbox"/>		
Inlet Swivel Spout Diameter	_____		
Outlet Swivel Spout	<input type="checkbox"/>	Product Moisture _____	%
Outlet Swivel Spout Diameter	_____	CEMA code _____	
Square Inlet (Dimensions: L1 x L2)	_____	Feed Rate _____	lbs/min
Square Outlet (Dimensions: L1 x L2)	_____	Feed Rate _____	CF/hr
OPERATION		MOTOR INFORMATION	
Indoor or Outdoor Installation	_____	Voltage _____ V	Cycles _____ Hz
Environmental Temperature	_____ °F	NEMA ratings _____	RPM _____
Continuous	<input type="checkbox"/>	Direct drive	yes <input type="checkbox"/> no <input type="checkbox"/>
Intermediate	<input type="checkbox"/>	DRIVE LOCATION	
Working Hours/Day	_____	Inlet <input type="checkbox"/>	Outlet <input type="checkbox"/>
Working Hours/Year	_____	FINISHING	
Starts/Stops per Hour	_____	Standard	1 coat of primer & 1 coat of paint
SEALS & HANGER BEARINGS		Color _____	
Special Seals	<input type="checkbox"/> yes* <input type="checkbox"/> no	CONSTRUCTION MATERIAL	
Special Hanger Bearings	<input type="checkbox"/> yes* <input type="checkbox"/> no	Carbon Steel Construction	<input type="checkbox"/>
* Specify Use		304 Stainless Steel Construction (TU only)	<input type="checkbox"/>



**Huge inventory
available for
immediate
delivery!**

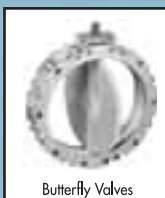
OTHER PRODUCTS



Dust Collectors



Vertical Screw Conveyors



Butterfly Valves



Slide Valves



Pressure Relief Valves



Level Indicators



Rotary Valves



Pinch Valves

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