



SRS Engg. Co.

AN ISO 9001 : 2015 TUV ACCREDITED CO.



SRS Manufacturing Range

- Bucket Elevator
- Belt Conveyor
- Chain Conveyor
- Screw Conveyor
- Length Grader
- Storage Bin
- SS. MS.





Company Profile

We are already in the 21st century and innovation with Latest Hi-Tech Technology is the Mantra of the day We at SRS Eng. Co. are constantly trying to raise the bar.

We always aim at exceeding the standards of excellence we set for ourselves.

That is why our grain moving systems are at par with world renowned manufactures and equipments we offer are of Comparable any renowned manufacturer.

We always apply the best of latest technology to meet the international standards.

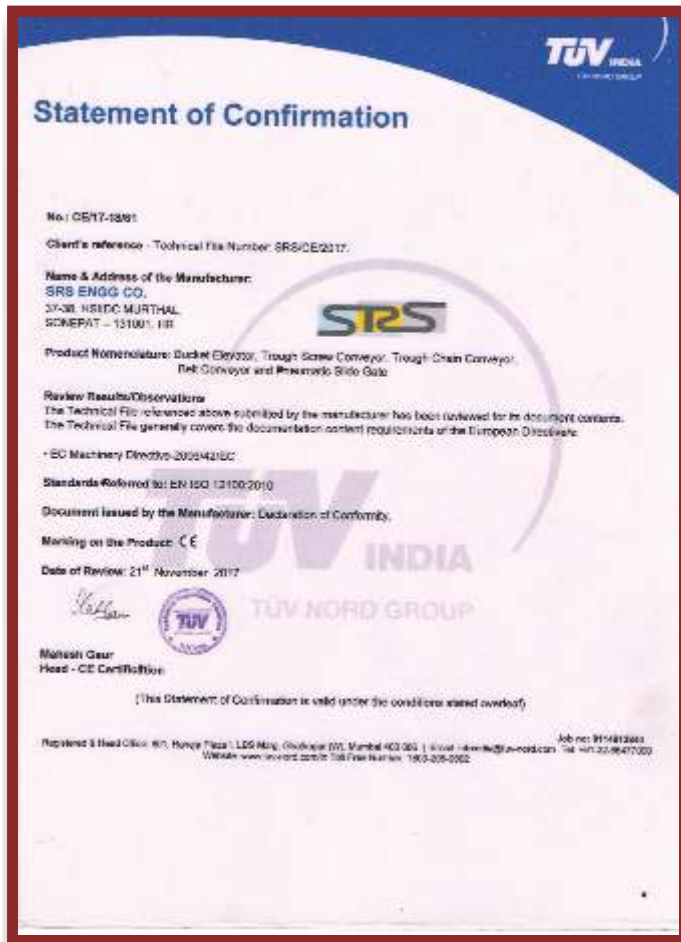
Our Bucket Elevator, Belt Conveyor, Chain Conveyor, Screw Conveyor, Length Grader, Storage Bin, SS. MS. Rice and Atta storing systems are not just equipment but a complete solution to handle grains and flour, because we understand the value of every minute grain.

We use following materials in our Machines :

STEEL	: TATA, ESSAR, BHUSHAN
GEARED MOTOR	: NORD (Germany) BONFIGLILOY
BEARING	: SKF, NTN, FYH
BELT	: ORIENTAL
HARDWARES	: LPS, UNBRACO
POWDER & PAINT	: NEROLAC



CERTIFICATE





Manufacturing Process

CNC LASER CUTTING
CNC PUNCHING

CNC BENDING

FABRICATION & MACHINE

POWDER COATING

ASSEMBLY & TRIAL TESTING





Bucket Elevator

Performance Range

- From : 1t/hr to 250t/hr

Elevator Head :

- Split hood for simple installation and servicing.
- Replaceable wear plate.
- Inspection and cleaning port at the discharge point.
- Dust - protected bearings.
- Drive with gear motor and chain couplings.
- Integral reversing lock for safe and reliable operation.
- Optionally with internal liner in wear- resistant plastic.

Elevator Foot :

- Spindle-operated belt tension adjustment
- Generously dimensioned cleaning port
- Integrated residue discharge slide
- Stave disc for gentle product pick-up
- Dust-protected bearings
- Optionally with RPM and Run-Out meter

Belt :

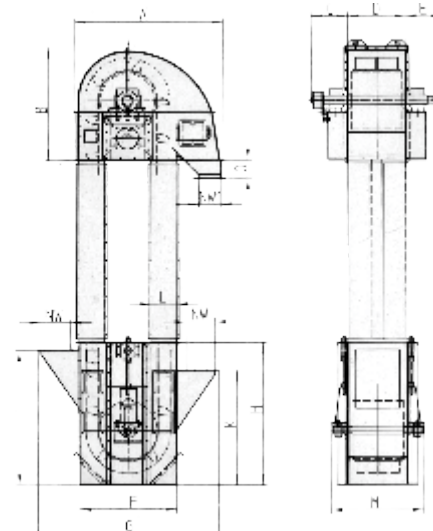
- Rubber belt with polyester inlay.
- Optionally with PVC belt for increased tear resistance.
- Optionally with food stuff resistant belt.



Typical Applications :

- Cereal-seed-Animal Feed and food industry
- Ceramics & building material industries
- Ceramics Industries
- Chemical Industries (Plastics Granulates)
- Rice, Wheat, Soya

Window and maintenance Opening in elevator leg for inspection and belt tensioning





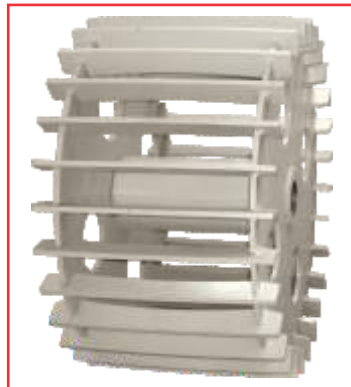
Grain Discharger Top

Easy assembly and maintenance due to divided hood and exchangeable wearing plate as well as inspection opening



Non - Return Bearing

Integrated at elevator head for safety in case of power failure



Sprocket Wheel

In Elevator foot for careful



Elevator Foot

with inspection opening and clean-out slide, spindle tensioning device

Dimensions Elevators (mm)

Technical Specification of Elevators

Type/BE	HEAD+FOOT SHEET DIM.		A	B	C	D	E	F	G	H	J	K	L	M	NW	NW1
	steel	1.4301														
400/140	3	3	1100	788	179	180	170	696	1206	970	927	782	182	334	150	150
400/180	3	3	1223	873	184	236	172	748	1358	1083	1030	870	208	388	200	200
500/180	4	4	1335	984	180	236	182	848	1458	1554	1111	951	208	396	200	200
630/180	4		1475	1119	202	236	232	978	1588	1242	1199	1034	208	366	200	200
400/225	3	3	1366	938	198	274	195	810	1520	1196	1153	968	238	430	250	200/250
500/225	4	3	1478	1048	210	274	247	910	1620	1272	1229	1054	238	450	250	200/250
630/225	4		1621	1194	277	274	304	1040	1750	1360	1317	1154	238	422	250	200/250
400/280	4	4	1516	1023	209	322	231	850	1660	1309	1274	1084	274	500	300	250
500/280	4	3	1625	1123	283	322	331	950	1760	1359	1324	1134	274	500	300	250

Dimensions Double Elevators (mm)

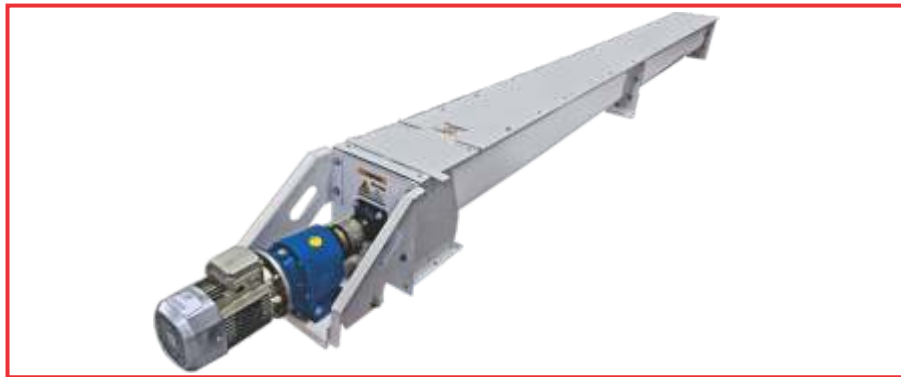
Type	HEAD+FOOT SHEET DIM.		A	B	C	D	E	F	G	H	J	K	L	M	NW	NW1
	steel	1.4301														
D400/140	3		1100	788	179	427	170	696	1206	970	927	782	182	581	150	150
D400/180	3		1223	873	184	539	172	748	1355	1083	1030	870	208	691	200	200
D400/225	3		1366	938	198	615	195	810	1520	1196	1153	968	238	771	250	200/250
D500/225	4		1478	1051	210	615	247	910	1620	1272	1229	1054	238	791	250	200/250
D500/280	4		1625	1123	283	721	331	950	1760	1359	1324	1134	274	899	300	250

Variable Speed with Consistent Quality

Screw conveyors are characterized by the enormous spread of possible application virtually without any compromise.

In process engineering (technical processes for example such as mixing, heating, moistening, cooling) can be logically combined with the conveying process.

- Dust-free and odorless handling due to the possibility of completely sealing off the trough.
- Simple integration into an overall system, since the product can be charged and discharged at any point.



Drive-end outer bearing

Optional as flange type of pedestal bearing, with inserted stuffing box sealing.

Direct Drive

By means of flexible coupling and geared motor or on request with infinity variable geared motor.

Technical Data

Capacity (t/h)	Rotational Speed (1/min)	Ascend Of Blades (mm)	Internal Pipe (mm)	Screw Blade (mm)	Drivepin Ø(mm)	Interned Bearing Ø(mm)	Endbearing (mm)	Trough+ Cover (mm)	Type
15	235	150	60,3x6,3	3	40	40	40	2	150
25	150	200	60,3x6,3	3	40	40	40	2	200
40	120	250	60,3x6,3	3	40	40	40	2	250

Dimensions (mm)

Type	A	B	C	E	F	G	(mm)	H
15	235	150	60.3x6.3	3	40	40	40	2
25	150	200	60.3x6.3	3	40	40	40	2
40	120	250	60.3x6.3	3	40	40	40	2

Technical design may be subject to change !



The sturdy once in mechanical handling !

- Our especially robust Trough chain conveyors are suitable for variety of products like Rice, Wheat, Dal the application is endless.
- The SRS Trough Chain Conveyors is conspicuous by especially low power demand and a gentle and dust free conveyance.
- Conveying is by means of a robust special chain. Which mover at the trough bottom on exchangeable wear rails while it is guided by plastic rollers on top. This result in long-lasting and low-maintenance conveyance

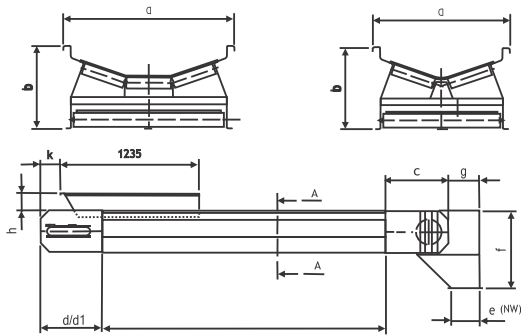


Dimensions (mm)

Dimensions (mm)	A	B	C	D	E	F	G	H	I	J	K	L
S 16	160	226	440	410	301	190	155	-5,5 kW	332	452	648	589
S 20	200	266	440	430	341	190	175	-5,5 kW	372	452	648	589
S 20 H	200	266	440	544	341	210	179	-15 kW	384	577	773	714
S 25	250	316	440	569	391	210	204	-15 kW	434	577	773	714
S 30	310	376	440	599	451	210	234	-15 kW	494	577	773	714
S 30 V	310	376	440	599	451	210	292	-22 kW	494	584	773	714
S 40	400	466	440	644	541	210	279	-15 kW	584	577	773	714
S 40 P	400	466	440	644	541	210	337	-22 kW	584	584	773	714
S 40 H	400	480	440	750	541	240	300	-15 kW	700	865	905	714
S 40 H	400	480	440	750	541	240	324	-22kW	700	865	905	714
S 40 H	400	480	440	750	541	240	351	-30 kW	700	865	905	714

A Strong element in mechanical handling!

- SRS design, manufacture and supplies grain feeder of various size length and capacity. Belt size to 300mm to 1000mm.
- We at SRS supply these belt conveyors to Flour Mill, Rice Mill, Dal Mill as per there specific requirement. Belt conveyors represents the continuous handling means with the highest performance regardless whether delicate or corrosive products are handled.



Technical Data

Capacity (t/h)	Speed (m/sec)	Belt width (mm)	Throughing	Carrying idlers		Return rollers		Type
				Durchmesser ø (mm)	Abstand Distance (mm)	Durchmesser ø (mm)	Abstand Distance (mm)	
60	1,68	500	2-piece 20"	50	500	63	3000	M 500
200	2,09	800	3-piece 20"	50	500	63	3000	M 800

Capacities specified above are relating to grain of a bulk weight of $g = 0,75 \text{ t/m}^3$ at horizontal transport

Technical Specifications

Type	Belt width (mm)	a	b	c	d	d1	e	f	g	h	K
M 500	500	620	370	500	570	800	250	685	275	150	175
M 800	800	980	510	750	1100	1350	300	990	350	150	175

**intermediate lengths available
5 m, 3 m, 2.5 m, 2m**

Rice Length Grader



Salient Feature

- Modular Design & Compact Structure.
- The degrees of separation of grain can be observed through the inspection window.
- Extremely efficient in separation between whole & broken rice.
- Lower maintenance is ensured through the use of direct-coupled motor .
- A large tray made of heavy sheet is provided inside the grader to collect every single grain, which is lifted by dimples.
- Easy to replacement of grading cylinder.
- System suitable for small, long & super long grains.
- Easy to operate & maintain with high capacity in multiples.

MODEL NO.	CAPACITY	POWER	OVER ALL SIZE HxWxL
SRS (RLG)	0.75 to 1 TPH	2.00 HP	808x670x2850 MM

Manual Slide Gate

We offer the extensive size range of Manual Slide Gate. The function of Manual Slide Gate is to control the flow of material from one equipment to other as and when desired. It is provided with a limit switch at one end to indicate the close position. If the position of controller is out of reach, manual slide gate has an option to being operated with chain instead of hand.



Pneumatic Slide Gate

These gates are extensively used to control the discharge of bulk materials from hoppers, bins & silos. These are operated with pneumatic cylinder and limit switch. They are provided with read switch, solenoid, valve, silencers, PU tube, elbows & connector. When there is a power cutoff, pneumatic grain feed controller have a system to shut of automatically to avoid Spillage.



Diverter Valve

SRS Model CBD Curved Blade Diverter Valves are designed to direct and cut off product flow from outlet of storage bins, silos, conveyors, gravity flow chutes and other discharge point handling dry bulk materials.

These rugged heavy duty curved blade diverters are available in 30 and 45 degree symmetrical configuration. Standard sizes range from 6 inches to 36 inches square. Sizes larger than 36 inches, rectangular, and special configuration including hardened liners are available on a custom build basis.

A choice of construction material allow handling of all types of products paddy, rice & wheat etc.





SPECIALIST IN ALL KINDS OF SPARE PARTS OF RICE MILL & MILLING ROLL











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