



**ZANIN**

Since 1956



**BOX AUGER**

**a**

**Agro-Industry**

# BOX AUGER

## FOLDED BOTTOM

The tubular auger conveyor is used to convey grain products - seeds - flours or by-products, for short paths, maximum 25-30 m for the folded bottom version. The folded bottom auger is used for loose loading of small warehouses or for short connections between machines.

## OPERATION

The product enters by gravity into a hopper and descends in a spiral auger driven by a rotary motion that moves the product forward. The load carrying flow rate is given by the speed and the diameter of the auger.



### MANUFACTURING

- Round or folded bottom box galvanised
- Sendzimir stainless steel U-section
- Square pitch spiral
- Head-tail flanged supports
- Intermediate supports every 3 m
- Closing cover
- Drive: gear-motor
- Membrane anti-clogging (or strap)



### OPTIONAL

- Pulleys driven motor
- Chain driven motor
- Variable-speed motor
- Inverter
- Revolution counters
- Load hopper
- Discharge hopper
- Intermediate gate valves (manual - pneumatic - motorised)
- RAL painting upon request
- Hot-dip galvanisation
- 304 stainless steel

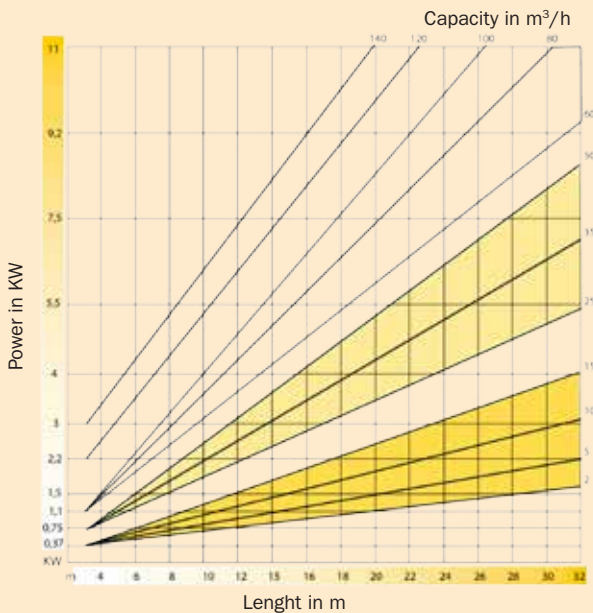
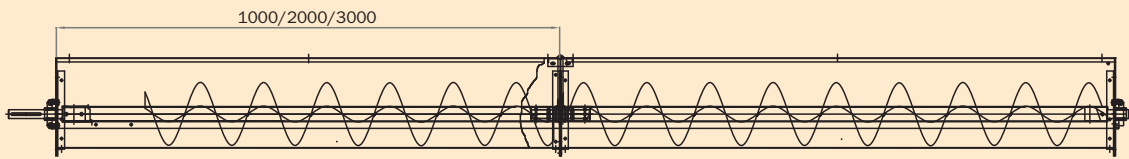
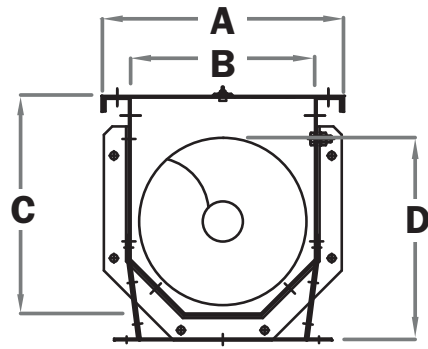


MODEL	CAPACITY	LENGHT m	POWER KW	Ø SPIRAL mm	A mm	B mm	C mm	D mm
CC-FP 200	40 t/h	2	1,1	200	290	220	260	290
CC-FP 200	40 t/h	3	1,1	200	290	220	260	290
CC-FP 200	40 t/h	4	1,5	200	290	220	260	290
CC-FP 200	40 t/h	5	1,5	200	290	220	260	290
CC-FP 200	40 t/h	6	2,2	200	290	220	260	290
CC-FP 200	40 t/h	7	2,2	200	290	220	260	290
CC-FP 200	40 t/h	8	3	200	290	220	260	290
CC-FP 200	40 t/h	9	3	200	290	220	260	290
CC-FP 200	40 t/h	10	4	200	290	220	260	290
CC-FP 200	40 t/h	12	4	200	290	220	260	290
CC-FP 200	40 t/h	14	5,5	200	290	220	260	290
CC-FP 200	40 t/h	16	5,5	200	290	220	260	290
CC-FP 200	40 t/h	18	5,5	200	290	220	260	290
CC-FP 200	40 t/h	20	7,5	200	290	220	260	290
CC-FP 200	40 t/h	22	7,5	200	290	220	260	290
CC-FP 200	40 t/h	24	7,5	200	290	220	260	290
CC-FP 200	40 t/h	26	11	200	290	220	260	290
CC-FP 200	40 t/h	28	11	200	290	220	260	290
CC-FP 200	40 t/h	30	11	200	290	220	260	290

MODEL	CAPACITY	LENGHT m	POWER KW	Ø SPIRAL mm	A mm	B mm	C mm	D mm
CC-FP 300	100 t/h	2	3	300	420	320	360	420
CC-FP 300	100 t/h	3	3	300	420	320	360	420
CC-FP 300	100 t/h	4	4	300	420	320	360	420
CC-FP 300	100 t/h	5	4	300	420	320	360	420
CC-FP 300	100 t/h	6	5,5	300	420	320	360	420
CC-FP 300	100 t/h	7	5,5	300	420	320	360	420
CC-FP 300	100 t/h	8	7,5	300	420	320	360	420
CC-FP 300	100 t/h	9	7,5	300	420	320	360	420
CC-FP 300	100 t/h	10	7,5	300	420	320	360	420
CC-FP 300	100 t/h	12	11	300	420	320	360	420
CC-FP 300	100 t/h	14	11	300	420	320	360	420
CC-FP 300	100 t/h	16	15	300	420	320	360	420
CC-FP 300	100 t/h	18	15	300	420	320	360	420
CC-FP 300	100 t/h	20	15	300	420	320	360	420

CC-FP 250	60 t/h	2	1,5	250	340	270	360	390
CC-FP 250	60 t/h	3	1,5	250	340	270	360	390
CC-FP 250	60 t/h	4	2,2	250	340	270	360	390
CC-FP 250	60 t/h	5	2,2	250	340	270	360	390
CC-FP 250	60 t/h	6	3	250	340	270	360	390
CC-FP 250	60 t/h	7	3	250	340	270	360	390
CC-FP 250	60 t/h	8	4	250	340	270	360	390
CC-FP 250	60 t/h	9	4	250	340	270	360	390
CC-FP 250	60 t/h	10	5,5	250	340	270	360	390
CC-FP 250	60 t/h	12	5,5	250	340	270	360	390
CC-FP 250	60 t/h	14	7,5	250	340	270	360	390
CC-FP 250	60 t/h	16	7,5	250	340	270	360	390
CC-FP 250	60 t/h	18	11	250	340	270	360	390
CC-FP 250	60 t/h	20	11	250	340	270	360	390
CC-FP 250	60 t/h	22	11	250	340	270	360	390
CC-FP 250	60 t/h	24	11	250	340	270	360	390
CC-FP 250	60 t/h	26	15	250	340	270	360	390
CC-FP 250	60 t/h	28	15	250	340	270	360	390
CC-FP 250	60 t/h	30	15	250	340	270	360	390

### FOLDED BOTTOM BOX AUGER SECTION



### INSTALLED POWER FOR BOX AUGER

The installed powers are accounted for in relation to the transport of the product with specific weight 0.78 Ton/m<sup>3</sup>, at flow rate and length to be achieved, with the horizontal conveyor.

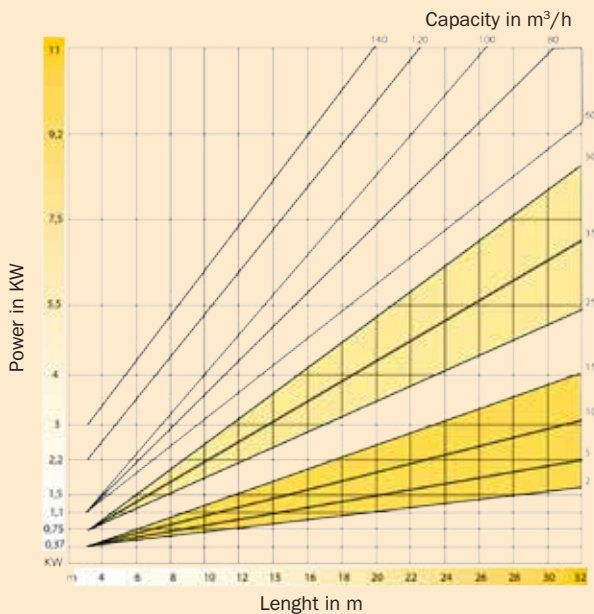
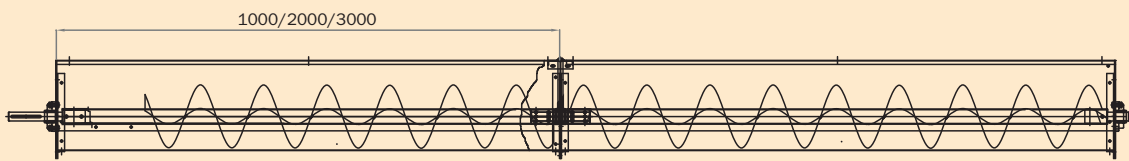
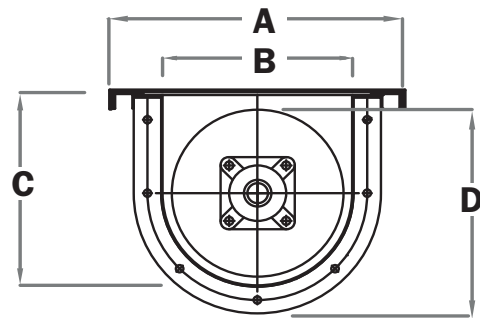


MODEL	CAPACITY	LENGHT m	POWER kW	Ø SPIRAL mm	A mm	B mm	C mm	D mm
CC-FT 200	40 t/h	2	1,1	200	315	230	260	300
CC-FT 200	40 t/h	3	1,1	200	315	230	260	300
CC-FT 200	40 t/h	4	1,5	200	315	230	260	300
CC-FT 200	40 t/h	5	1,5	200	315	230	260	300
CC-FT 200	40 t/h	6	2,2	200	315	230	260	300
CC-FT 200	40 t/h	7	2,2	200	315	230	260	300
CC-FT 200	40 t/h	8	3	200	315	230	260	300
CC-FT 200	40 t/h	9	3	200	315	230	260	300
CC-FT 200	40 t/h	10	4	200	315	230	260	300
CC-FT 200	40 t/h	12	4	200	315	230	260	300
CC-FT 200	40 t/h	14	5,5	200	315	230	260	300
CC-FT 200	40 t/h	16	5,5	200	315	230	260	300
CC-FT 200	40 t/h	18	5,5	200	315	230	260	300
CC-FT 200	40 t/h	20	7,5	200	315	230	260	300
CC-FT 200	40 t/h	22	7,5	200	315	230	260	300
CC-FT 200	40 t/h	24	7,5	200	315	230	260	300
CC-FT 200	40 t/h	26	11	200	315	230	260	300
CC-FT 200	40 t/h	28	11	200	315	230	260	300
CC-FT 200	40 t/h	30	11	200	315	230	260	300

MODEL	CAPACITY	LENGHT m	POWER kW	Ø SPIRAL mm	A mm	B mm	C mm	D mm
CC-FT 300	100 t/h	2	3	300	420	320	360	420
CC-FT 300	100 t/h	3	3	300	420	320	360	420
CC-FT 300	100 t/h	4	4	300	420	320	360	420
CC-FT 300	100 t/h	5	4	300	420	320	360	420
CC-FT 300	100 t/h	6	5,5	300	420	320	360	420
CC-FT 300	100 t/h	7	5,5	300	420	320	360	420
CC-FT 300	100 t/h	8	7,5	300	420	320	360	420
CC-FT 300	100 t/h	9	7,5	300	420	320	360	420
CC-FT 300	100 t/h	10	7,5	300	420	320	360	420
CC-FT 300	100 t/h	12	11	300	420	320	360	420
CC-FT 300	100 t/h	14	11	300	420	320	360	420
CC-FT 300	100 t/h	16	15	300	420	320	360	420
CC-FT 300	100 t/h	18	15	300	420	320	360	420
CC-FT 300	100 t/h	20	15	300	420	320	360	420

CC-FT 250	60 t/h	2	1,5	250	365	275	285	325
CC-FT 250	60 t/h	3	1,5	250	365	275	285	325
CC-FT 250	60 t/h	4	2,2	250	365	275	285	325
CC-FT 250	60 t/h	5	2,2	250	365	275	285	325
CC-FT 250	60 t/h	6	3	250	365	275	285	325
CC-FT 250	60 t/h	7	3	250	365	275	285	325
CC-FT 250	60 t/h	8	4	250	365	275	285	325
CC-FT 250	60 t/h	9	4	250	365	275	285	325
CC-FT 250	60 t/h	10	5,5	250	365	275	285	325
CC-FT 250	60 t/h	12	5,5	250	365	275	285	325
CC-FT 250	60 t/h	14	7,5	250	365	275	285	325
CC-FT 250	60 t/h	16	7,5	250	365	275	285	325
CC-FT 250	60 t/h	18	11	250	365	275	285	325
CC-FT 250	60 t/h	20	11	250	365	275	285	325
CC-FT 250	60 t/h	22	11	250	365	275	285	325
CC-FT 250	60 t/h	24	11	250	365	275	285	325
CC-FT 250	60 t/h	26	15	250	365	275	285	325
CC-FT 250	60 t/h	28	15	250	365	275	285	325
CC-FT 250	60 t/h	30	15	250	365	275	285	325

### ROUND BOTTOM BOX AUGER SECTION



### INSTALLED POWER FOR BOX AUGER

The installed powers are accounted for in relation to the transport of the product with specific weight 0.78 Ton/m<sup>3</sup>, at flow rate and length to be achieved, with the horizontal conveyor.



# BOX AUGER

## ROUND BOTTOM

The tubular auger conveyor is used to convey grain products - seeds - flours or by-products, for short paths, maximum 15-20 m for the round bottom version. The round bottom auger is used for loading of processed product silos or for short connections between product processing machines.

The product enters by gravity into a hopper and descends in a spiral auger driven by a rotary motion that moves the product forward. The load carrying flow rate is given by the speed and the diameter of the auger.



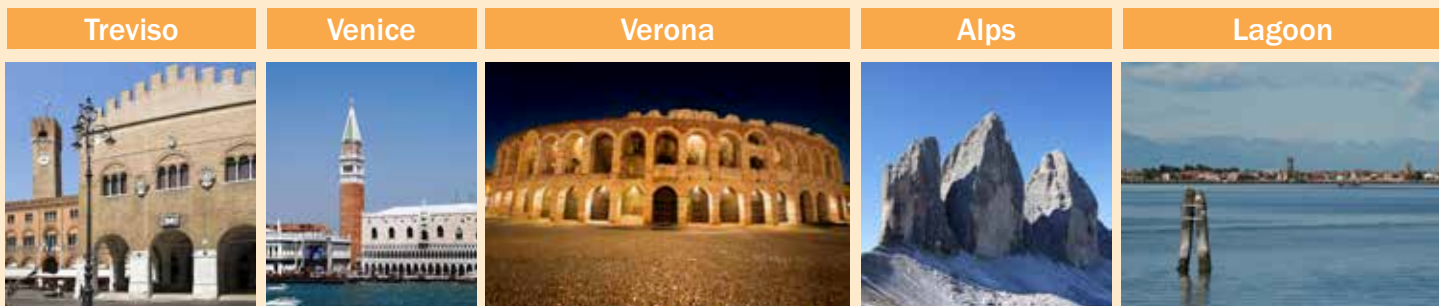
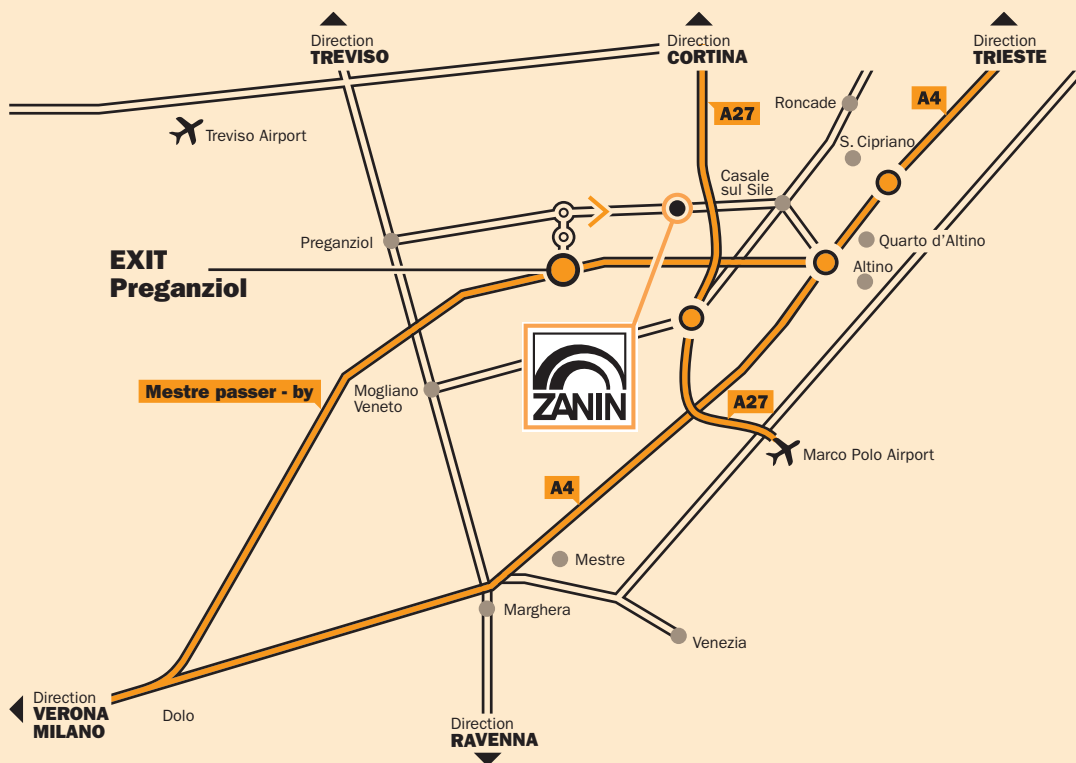
### MANUFACTURE

- Round or folded bottom box galvanised
- Sendzimir stainless steel U-section
- Square pitch spiral
- Head-tail flanged supports
- Intermediate supports every 3 m
- Closing cover
- Drive: gear-motor
- Membrane anti-clogging (or strap)

### OPTIONAL

- Pulleys driven motor
- Chain driven motor
- Variable-speed motor
- Inverter
- Revolution counters
- Load hopper
- Discharge hopper
- Intermediate gate valves (manual - pneumatic - motorised)
- RAL painting upon request
- Hot-dip galvanisation
- 304 stainless steel





Photos by Glauco Granatelli, Walter Coledan, Dicaprio Veronica, Didier Descouens, Maik-T. Sebenik



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**RESELLER**

