



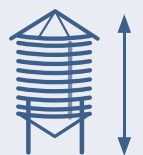
# PCInet



TONNAGE:  
1 - 48 t



DIAMETER:  
Ø1,6 / 1,8 / 2,1 / 2,5 / 2,8 / 3,5 m



HEIGHT:  
2,5 - 10,7 m

PROJECT | PRODUCTION | WORLDWIDE DELIVERY

## FEED SILOS





**POLNET – TOP WORLDWIDE LEADER IN MANUFACTURING INDUSTRIAL SILOS MADE OF GALVANIZED CORRUGATED STEEL. 35 YEARS OF EXPERIENCE.**



**CONSTRUCTION STEEL S350**  
Silos made of high-quality S350 structural steel.



**Z350. GALVANIZING**  
Zinc coating 350 g/m<sup>2</sup> for high corrosion resistance.



**CORRUGATED SHEET**  
Guaranteeing greater strength of the structure and stable temperature of the feed inside the silo in all weather conditions.



**UE. EUROCODE**  
Production according to Eurocode 3. We meet EU standards regarding the structural safety of steel products.



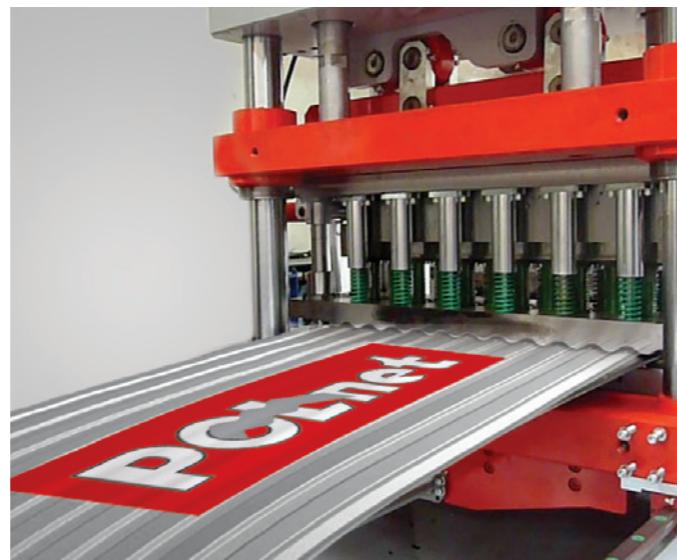
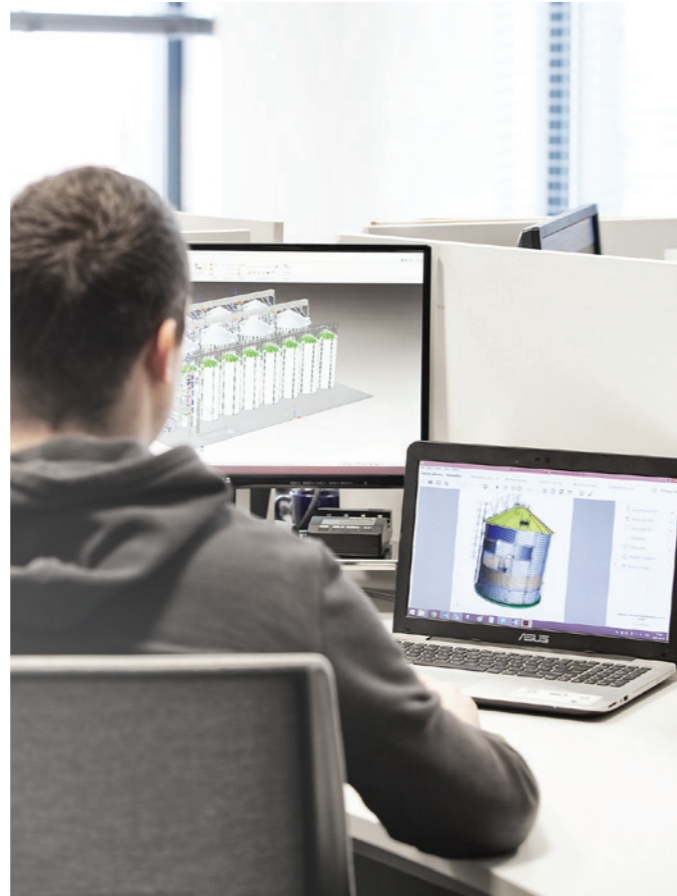
**CE. CERTIFIED PRODUCTION**  
Production in accordance with EN-1090, CE marking. The most modern production technology guarantees precise production of all details and easy assembly.



**THE LARGEST RANGE OF SIZES**  
Capacity from 1 to 48 tons. 5 diameters 1.6 m, 1.8 m, 2.1 m, 2.5 m, 2.8 m, 3.5 m. The hopper inclination angle is 60° (or 67° on customer's request).



**2 YEARS WARRANTY**  
2-year warranty against corrosion perforation.



**PACKING OPTIONS**

| STANDARD



| LUX PACKING



01	02
FEED SILOS	OUR PROJECTS
PAGE 4	PAGE 10

*The manufacturer reserves the right to introduce changes in the design and parameters of the offered devices in relation to the scope presented on the website and catalogs.*









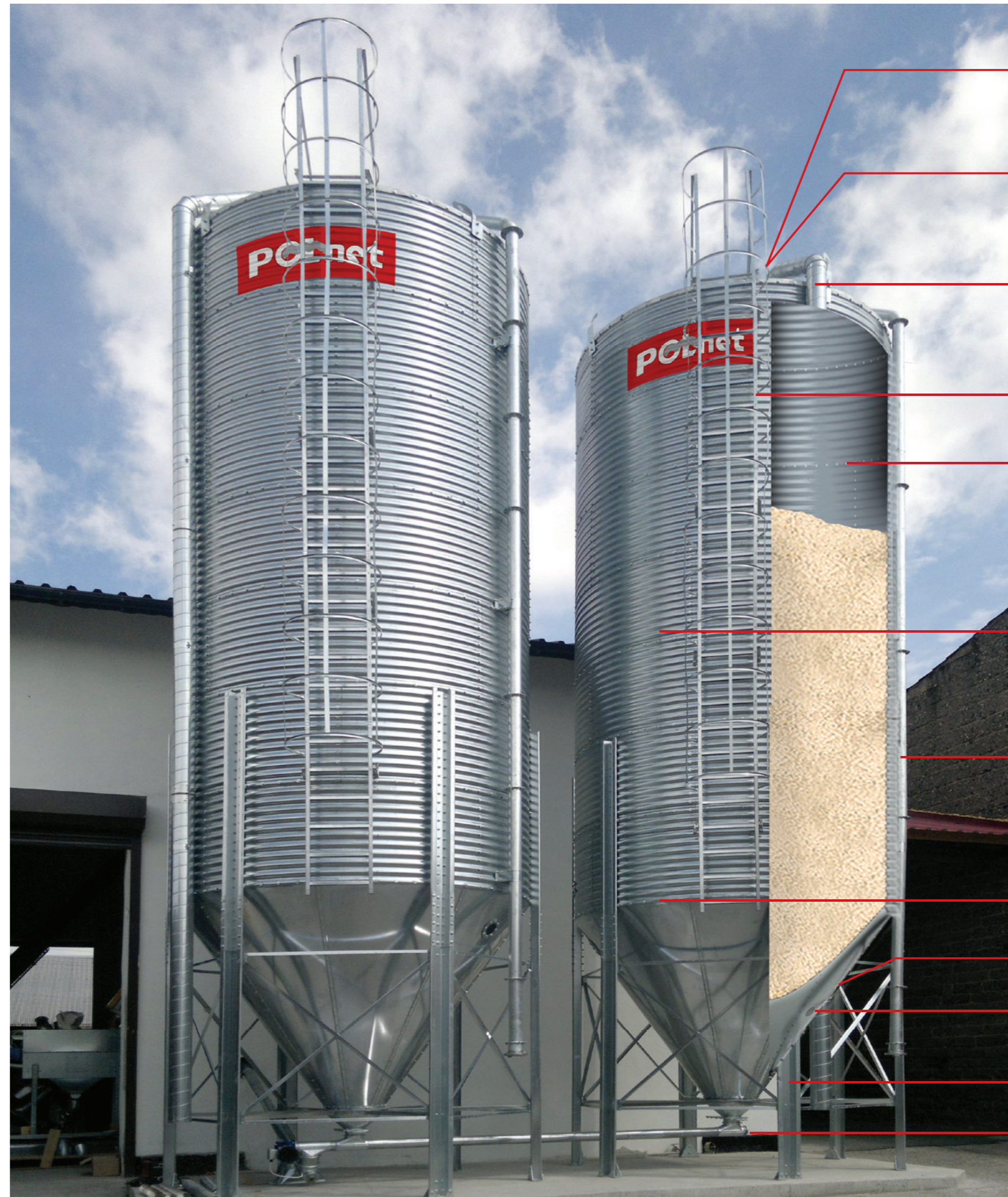


# CORRUGATED SHEET SILOS

- | Designed for storage of loose, granulated and free-flowing feed with a maximum density of 650 kg/m<sup>3</sup>
- | Made of high-quality S350 structural steel
- | The thickness of the zinc coating - 350 g/m<sup>2</sup>
- | Bottom funnel with an angle of 60° and a discharge diameter of 440 mm, suitable for connecting all types of chain-disc, spiral and screw conveyors
- | A funnel with a 67° angle is also available on request
- | Made of corrugated sheet

## ADVANTAGES OF CORRUGATED SHEET SILOS:

-  INCREASED STRUCTURAL STRENGTH
-  RESISTANCE TO CORROSION
-  TEMPERATURE INSIDE THE SILO REGARDLESS OF WEATHER CONDITIONS
-  EASY AND FAST ASSEMBLY DUE TO VERY PRECISE PRODUCTION TECHNOLOGY
-  RESISTANCE TO DEFORMATION
-  MOST ADVANCED PROFILING TECHNOLOGY



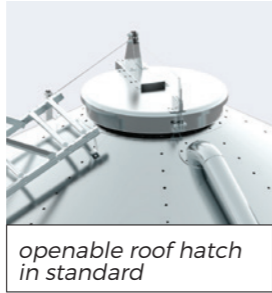
- openable roof hatch in standard
- central inlet point prevents from asymmetrical loading and assures maximum use of inside volume
- venting pipe
- main entrance ladder with protection cage
- large and hard bolts
- swedish galvanized corrugated steel
- pneumatic loading pipe
- rain cover - preventing water trickling along funnel
- funnel angle 60° or 67°
- control of feed level by inspection windows (on a funnel and first ring)
- legs made of Omega profile
- Ø 440 mm outlet. fits all devices

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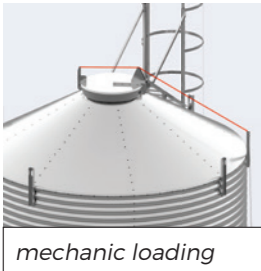


STANDARD EQUIPMENT

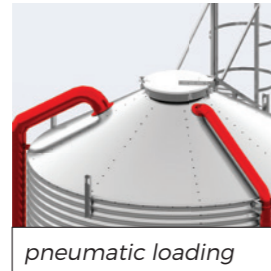


openable roof hatch in standard

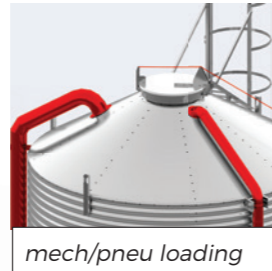
TYPES OF LOADING:



mechanic loading



pneumatic loading



mech/pneu loading



anti-slippery ladder



main entrance ladder with protection cage (short ground ladder available as option)



perfect roof and funnel matching to the walls



omega profile legs



2 inspections windows: on funnel on first ring



feed truck connection



flat head screw to avoid obstructions



OPTIONAL EQUIPMENT



rain cover



side outlet



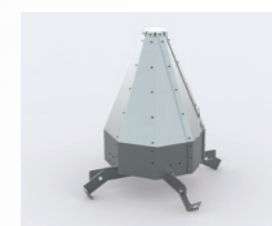
short ground hook-in ladder



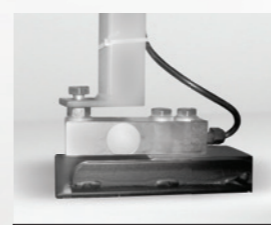
Inspection hatch



hand latch



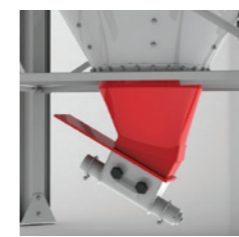
funnel flow



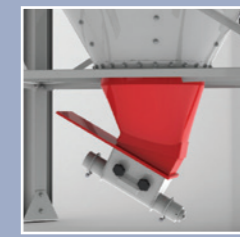
tensometric weighing scales



vibrator



SET UNDER SILOS



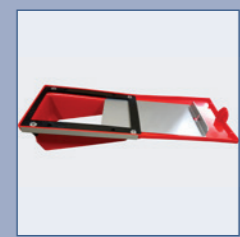
SET UNDER SILOS



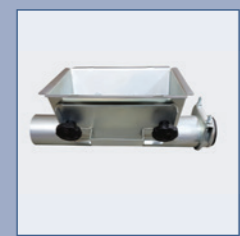
INCLUDED:



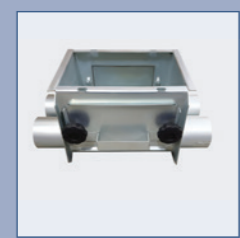
SILO CONNECTION



TRANSITION SET WITH SHUTTER



SINGLE SILO UNLOADER



DOUBLE SILO UNLOADER



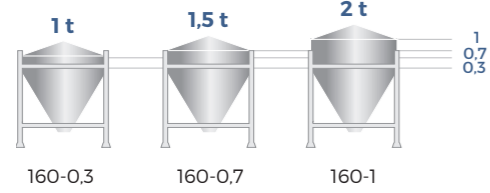
SHAFT FOR SILO UNLOADER



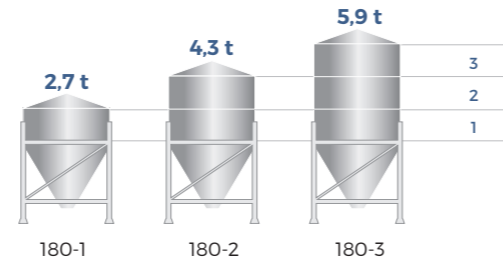
AVAILABLE MODELS

SILO TYPE

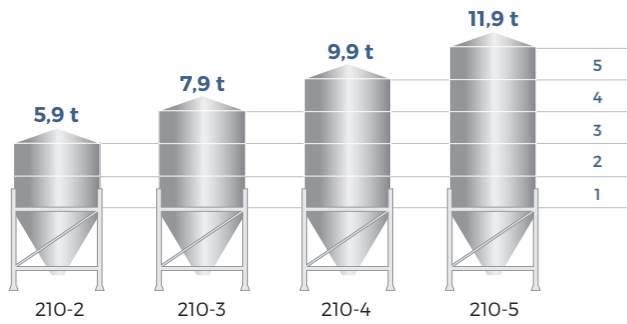
Ø 160



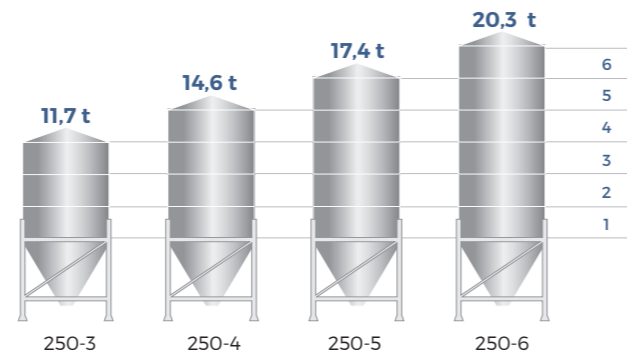
Ø 180



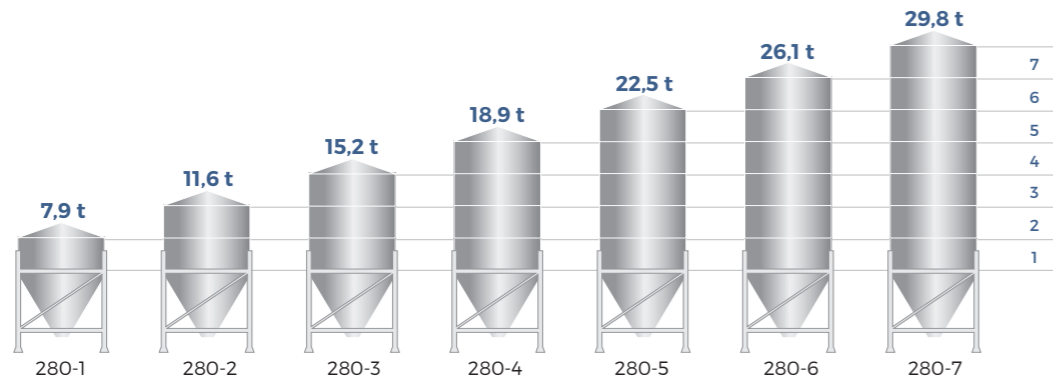
Ø 210



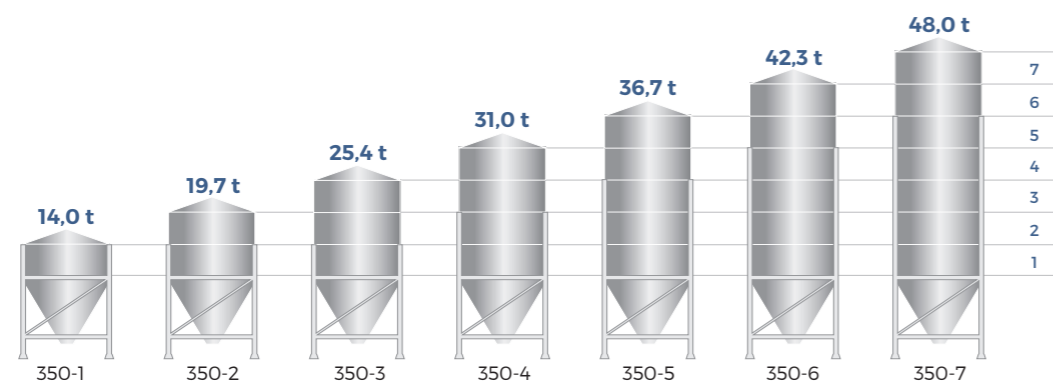
Ø 250



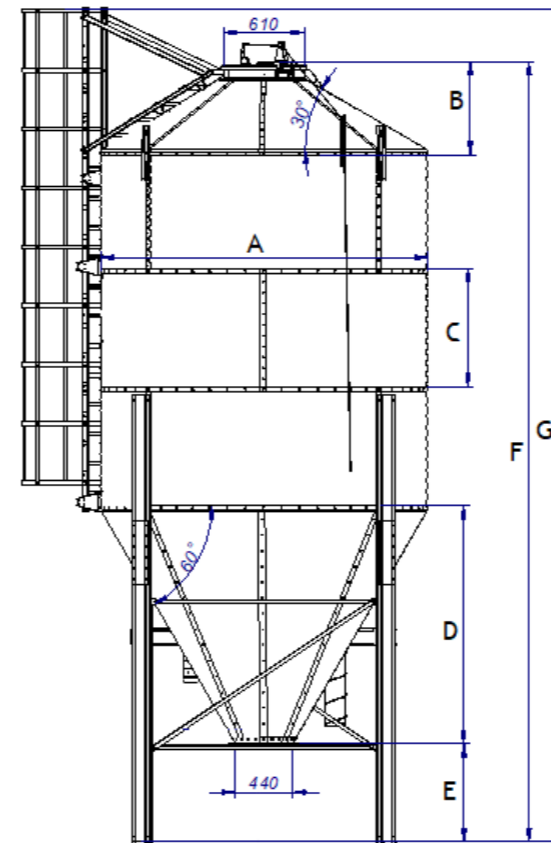
Ø 280



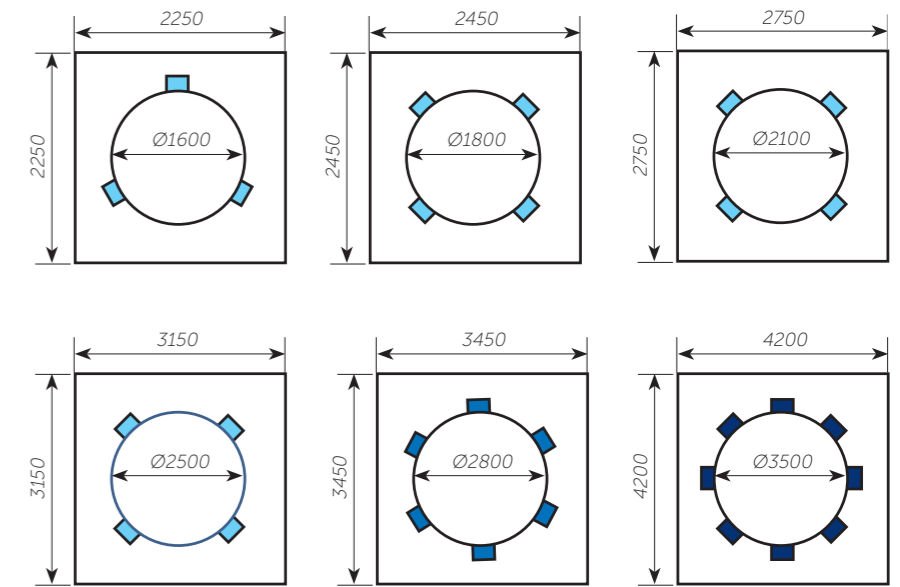
Ø 350



TECHNICAL DATA



FOUNDATION SIZES



EXAMPLES OF THE SIZE OF POLNET FEED SILOS

Model	Diameter [m] A	Capacity [m³]	Feed capacity [t]*	Number of legs	B	C	D	E	F	G
160-0,3**	1,6	1,5	1	3	450	316	915,5	700	2547	-
160-0,7**	1,6	2,3	1,5	3	450	619	966,5	700	2894	-
160-1**	1,6	3,1	2	3	450	902	1000	700	3058	-
180-1	1,8	4,2	2,7	4	478	902	1237	750	3367	4030
180-2	1,8	6,6	4,3	4	478	902	1237	750	4269	4932
180-3	1,8	9,0	5,9	4	478	902	1237	750	5171	5834
210-2	2,1	9,0	5,9	4	552	902	1461	750	4567	5072
210-3	2,1	12,1	7,9	4	552	902	1461	750	5469	5974
210-4	2,1	15,2	9,9	4	552	902	1461	750	6371	6876
210-5	2,1	18,3	11,9	4	552	902	1461	750	7273	7778
250-3	2,5	18,0	11,7	4	672	902	1803	750	5931	6318
250-4	2,5	22,4	14,6	4	672	902	1803	750	6833	7220
250-5	2,5	26,8	17,4	4	672	902	1803	750	7735	8122
250-6	2,5	31,2	20,3	4	672	902	1803	750	8637	9024
280-1	2,8	12,2	7,9	6	757	902	2065	750	4474	4760
280-2	2,8	17,8	11,6	6	757	902	2065	750	5376	5662
280-3	2,8	23,4	15,2	6	757	902	2065	750	6278	6564
280-4	2,8	29,0	18,9	6	757	902	2065	750	7180	7466
280-5	2,8	34,6	22,5	6	757	902	2065	750	8082	8368
280-6	2,8	40,2	26,1	6	757	902	2065	750	8984	9270
280-7	2,8	45,8	29,8	6	757	902	2065	750	9886	10172
350-1	3,5	21,6	14,0	8	961	902	2660	750	5273	6169
350-2	3,5	30,3	19,7	8	961	902	2660	750	6175	7071
350-3	3,5	39,0	25,4	8	961	902	2660	750	7077	7973
350-4	3,5	47,7	31,0	8	961	902	2660	750	7979	8875
350-5	3,5	56,4	36,7	8	961	902	2660	750	8881	9777
350-6	3,5	65,1	42,3	8	961	902	2660	750	9783	10679
350-7	3,5	73,8	48,0	8	961	902	2660	750	10685	11581

\* Converter for feed: 0.65 t/m³  
 \*\* Flat sheet walls (not corrugated)





#### GRAIN SILO

FLAT-BOTTOM, FUNNEL AND WITH WITH INSIDE FUNNEL made of corrugated steel with a capacity from 30 to 15 000 tonnes



#### FEED SILO

MADE OF CORRUGATED STEEL with a capacity from 2 to 50 tonnes



#### SQUARE SILOS

Square tanks with a capacity from 15 to 120 tonnes. Funnel angle of 45 and 60 degrees.



#### GRAIN DRYERS

Stationary dryers with continuous flow or portion system, capacity from 20 to 3000 t/day. Equipped with cooling section, dedusting section or silencers.



#### GRAIN TRANSPORT

Wide range of grain conveying system. Vertical transport by bucket elevators, horizontal transport by belt, screw or chain conveyors.



#### FEED MILLS

Farm or industrial technology tailored to individual needs of each customer.

#### CONTROLL AND MANAGEMENT



Comprehensive control systems based on PLC drivers and PCs as well as Siemens components. Designed and performed in accordance with the facility technology defined and approved by a customer.



#### INTAKE HOPPER

Gravitational or equipped with chain or screw conveyor. Capacity from 20 to 300 t/h. With standard or heavy/drivable grating on top.



#### GRAIN CLEANING AND SORTING

For pre-cleaning and precise cleaning with the output from 20 to 240 t/h.

#### TURN-KEY PROJECTS



- | construction, execution designs and investment cost estimates
- | ground and foundation works
- | tool production and supply
- | installation
- | service







POLNET Sp. z o.o.  
i Wspólnicy  
Spółka Komandytowa

ul. Sowia 13 B  
62-080 Tarnowo Podgórne, Polska  
tel.: + 48 61 657 67 00, fax: + 48 61 657 67 67  
office@polnet.pl  
export@polnet.pl

| **Export Head Office:**  
+ 48 600 461 134

| **Belgium Department:**  
+ 32 485 51 84 97

| **Austrian Department:**  
+ 43 676 56 11 288  
+ 43 664 88 65 4629

[www.polnet.pl](http://www.polnet.pl)

