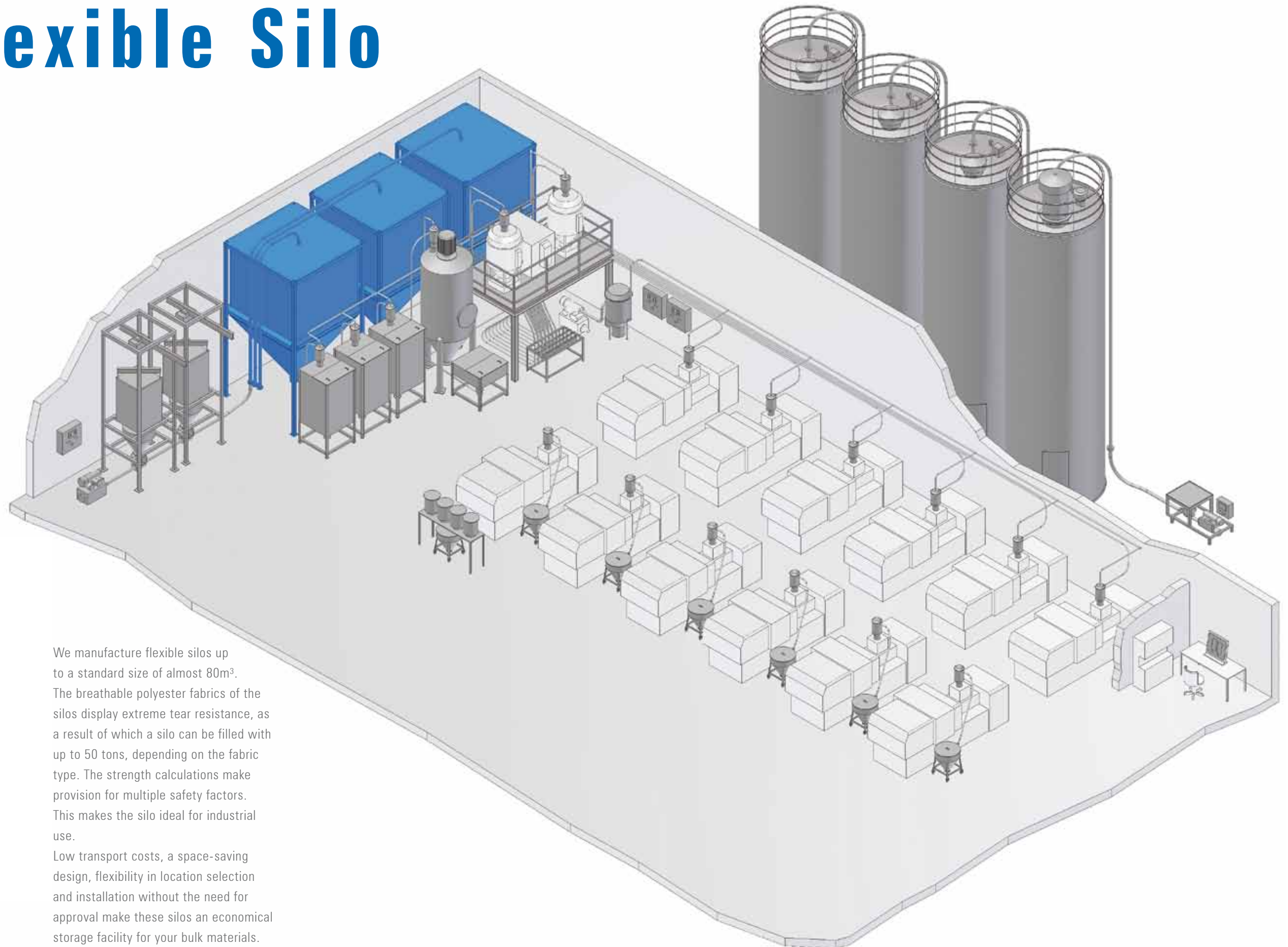


Flexible Silo



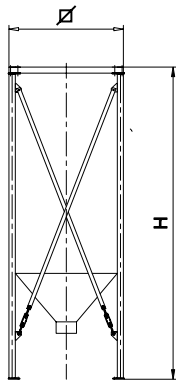
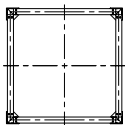
We manufacture flexible silos up to a standard size of almost 80m³. The breathable polyester fabrics of the silos display extreme tear resistance, as a result of which a silo can be filled with up to 50 tons, depending on the fabric type. The strength calculations make provision for multiple safety factors. This makes the silo ideal for industrial use.

Low transport costs, a space-saving design, flexibility in location selection and installation without the need for approval make these silos an economical storage facility for your bulk materials.

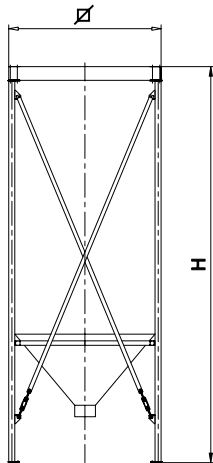
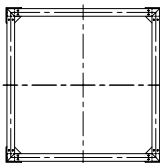
Flexible Silo

standard sizes

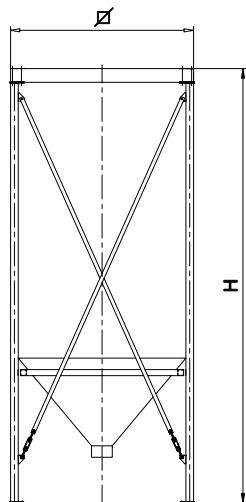
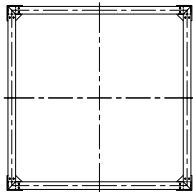
Ø = 1500 x 1500 mm	m³	H
SFLEX-15-15-033-035-80-06-1	3,5	3300
SFLEX-15-15-038-045-80-06-1	4,5	3800
SFLEX-15-15-043-055-80-06-1	5,5	4300
SFLEX-15-15-048-060-80-06-1	6,0	4800
SFLEX-15-15-053-070-80-06-1	7,0	5300
SFLEX-15-15-058-080-80-06-1	8,0	5800
SFLEX-15-15-063-090-80-06-1	9,0	6300



Ø = 2000 x 2000 mm	m³	H
SFLEX-20-20-033-060-80-06-1	6,0	3300
SFLEX-20-20-038-075-80-06-1	7,5	3800
SFLEX-20-20-043-095-80-06-1	9,5	4300
SFLEX-20-20-048-105-80-06-1	10,5	4800
SFLEX-20-20-053-120-80-06-1	12,0	5300
SFLEX-20-20-058-140-80-06-1	14,0	5800
SFLEX-20-20-063-160-80-06-1	16,0	6300



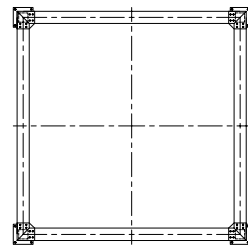
Ø = 2400 x 2400 mm	m³	H
SFLEX-24-24-033-080-80-06-1	8,0	3300
SFLEX-24-24-038-105-80-06-1	10,5	3800
SFLEX-24-24-043-130-80-06-1	13,0	4300
SFLEX-24-24-048-150-80-06-1	15,0	4800
SFLEX-24-24-053-170-80-06-1	17,0	5300
SFLEX-24-24-058-195-80-06-1	19,5	5800
SFLEX-24-24-063-220-80-06-1	22,0	6300



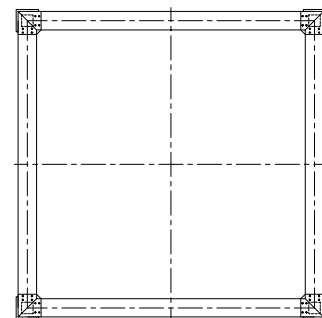
Flexible Silo

standard sizes

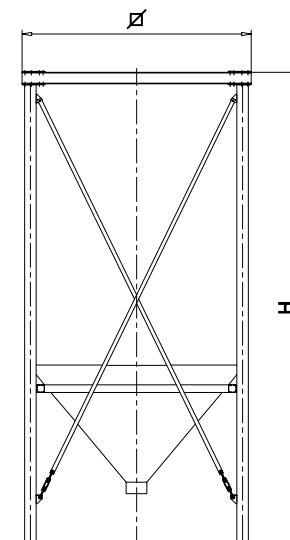
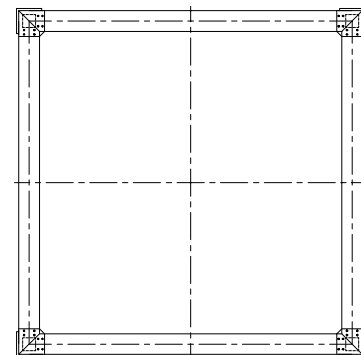
$\varnothing = 3000 \times 3000 \text{ mm}$	m^3	H
SFLEX-30-30-043-175-80-06-1	17,5	4300
SFLEX-30-30-048-215-80-06-1	21,5	4800
SFLEX-30-30-053-255-80-06-1	25,5	5300
SFLEX-30-30-058-300-80-06-1	30,0	5800
SFLEX-30-30-063-340-80-06-1	34,0	6300



$\varnothing = 4000 \times 4000 \text{ mm}$	m^3	H
SFLEX-40-40-054-400-80-06-1	40,0	5400
SFLEX-40-40-059-475-80-06-1	47,5	5900
SFLEX-40-40-064-550-80-06-1	55,0	6400
SFLEX-40-40-069-625-80-06-1	62,5	6900
SFLEX-40-40-074-710-80-06-1	71,0	7400
SFLEX-40-40-079-775-80-06-1	77,5	7900



$\varnothing = 4500 \times 4500 \text{ mm}$	m^3	H
SFLEX-45-45-054-500-80-06-1	50,0	5400
SFLEX-45-45-059-580-80-06-1	58,0	5900
SFLEX-45-45-064-670-80-06-1	67,0	6400
SFLEX-45-45-069-760-80-06-1	76,0	6900

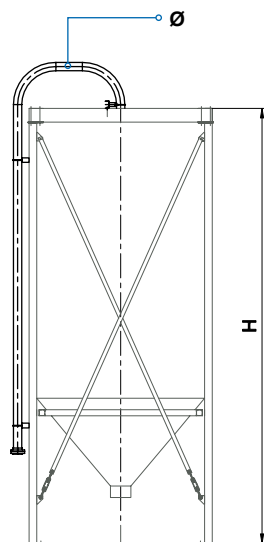


Flexible Silo

accessories

filling pipe

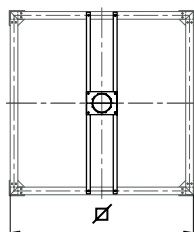
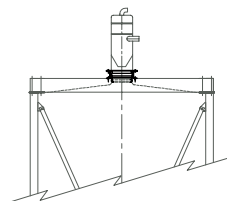
	Ø	H
SFLEX02-FL-080-5000-AL	80	5000
SFLEX02-FL-080-5000-CR	80	5000
SFLEX02-FL-080-6500-AL	80	6500
SFLEX02-FL-080-6500-CR	80	6500
SFLEX02-FL-100-5000-AL	100	5000
SFLEX02-FL-100-5000-CR	100	5000
SFLEX02-FL-100-6500-AL	100	6500
SFLEX02-FL-100-6500-CR	100	6500



- stainless steel filling bend for central filling
- aluminium or stainless steel filling pipe
- truck coupling

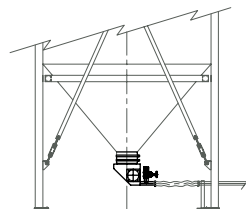
conveyor connection

	Ø
SFLEX01-JOCH-1500-01	1500 x 1500
SFLEX01-JOCH-2000-01	2000 x 2000
SFLEX01-JOCH-2400-01	2400 x 2400
SFLEX01-JOCH-3000-01	3000 x 3000
SFLEX01-JOCH-4000-01	4000 x 4000



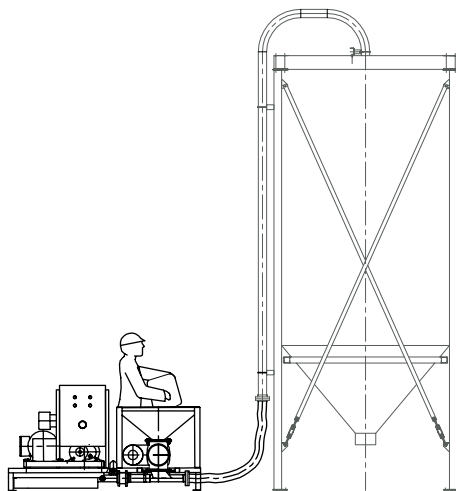
support structure central on the silo roof, flange connection in accordance with specifications

suction box



All suction boxes are constructed for the respective application. Up to 6 suction points with diameters of between 38 and 76.1 mm are available as standard.

pressure conveying unit



	m³	to
DFST-SK-03700-02200	3,7	~ 2,2*
DFST-SK-05300-03000	5,3	~ 3,0*
DFST-SK-07050-04200	7,0	~ 4,2*
DFST-WZ-09700-05800	9,7	~ 5,8*

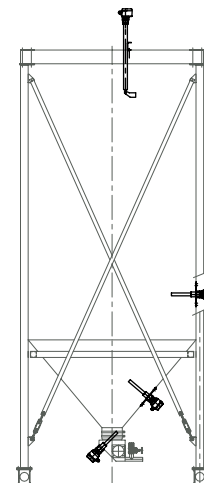
* with 0.6 to/m³ bulk density

The pressure conveying unit is used for the manual emptying of plastic pellets from 25kg bags and for filling silos by means of pneumatic pressure conveying. The components are all accommodated on a frame that can be transported by forklift truck. The delivery comes complete with container, rotary valve, blower, controller and a 5 m filling hose.

Flexible Silo

level measuring + silo control

- rotating limit switch
- high level indicator
- installation on the silo roof



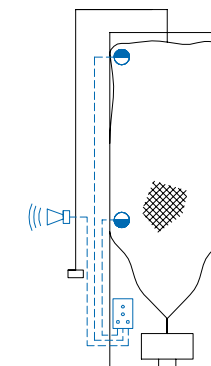
- vibration limit switch
- demand or low level indicator
- installation at the silo shell, silo cone or in the suction box

- load cell
- gravimetric measurement system



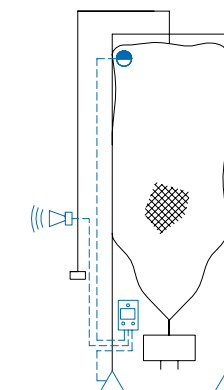
Variante 1 version 1

- high-level indicator
- demand-level indicator
- horn



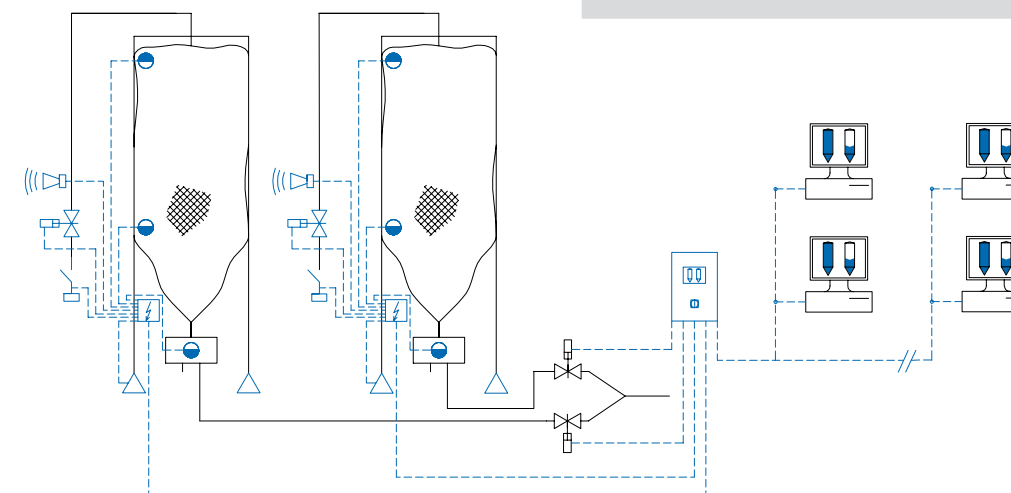
Variante 2 version 2

- high-level indicator
- load cell modules
- horn



Variante 3 version 3

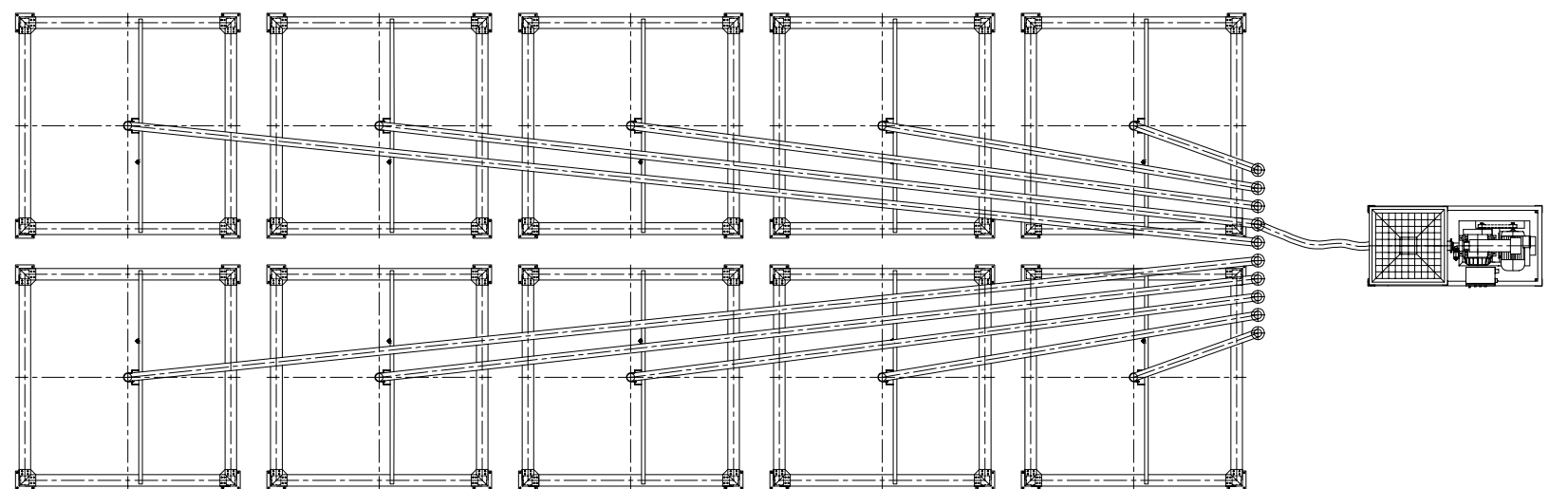
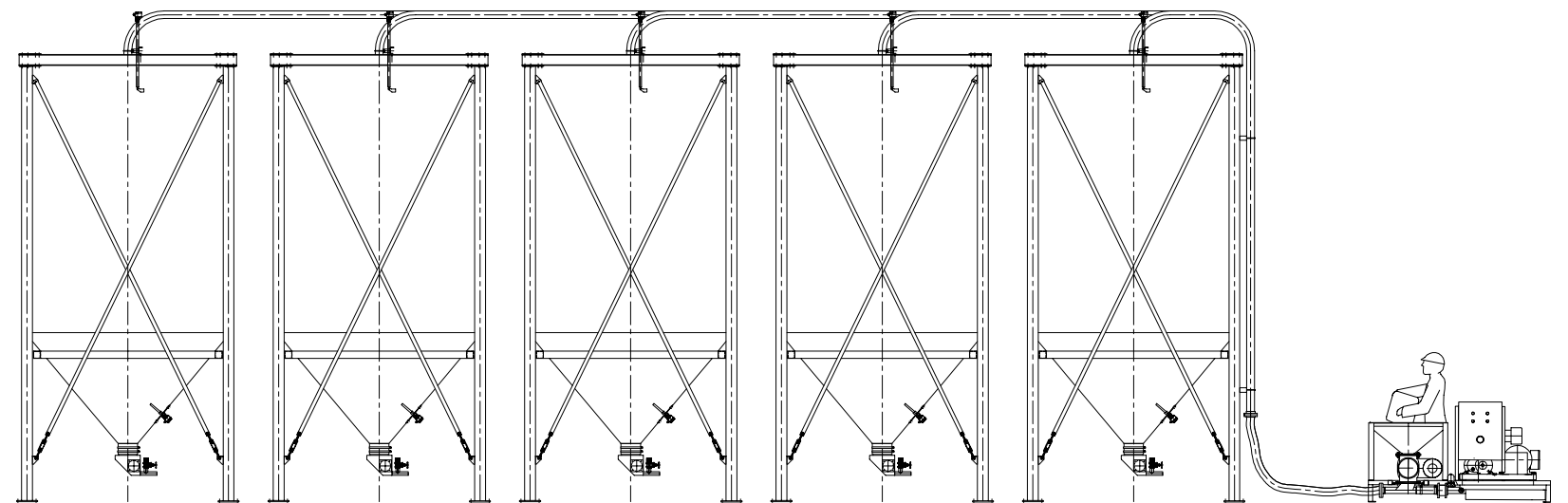
- level control with PLC, ethernet interface and software



Flexible Silo

We plan, manufacture and assemble silo systems that are tailored exactly to the customer's needs.

We supply standardised pressure conveying for filling the silos. The filling pipes can be routed together at a central point. The pressure conveying communicates with the high-level indicators of the silos, thereby preventing overfilling.



Flexible Silo

system examples

