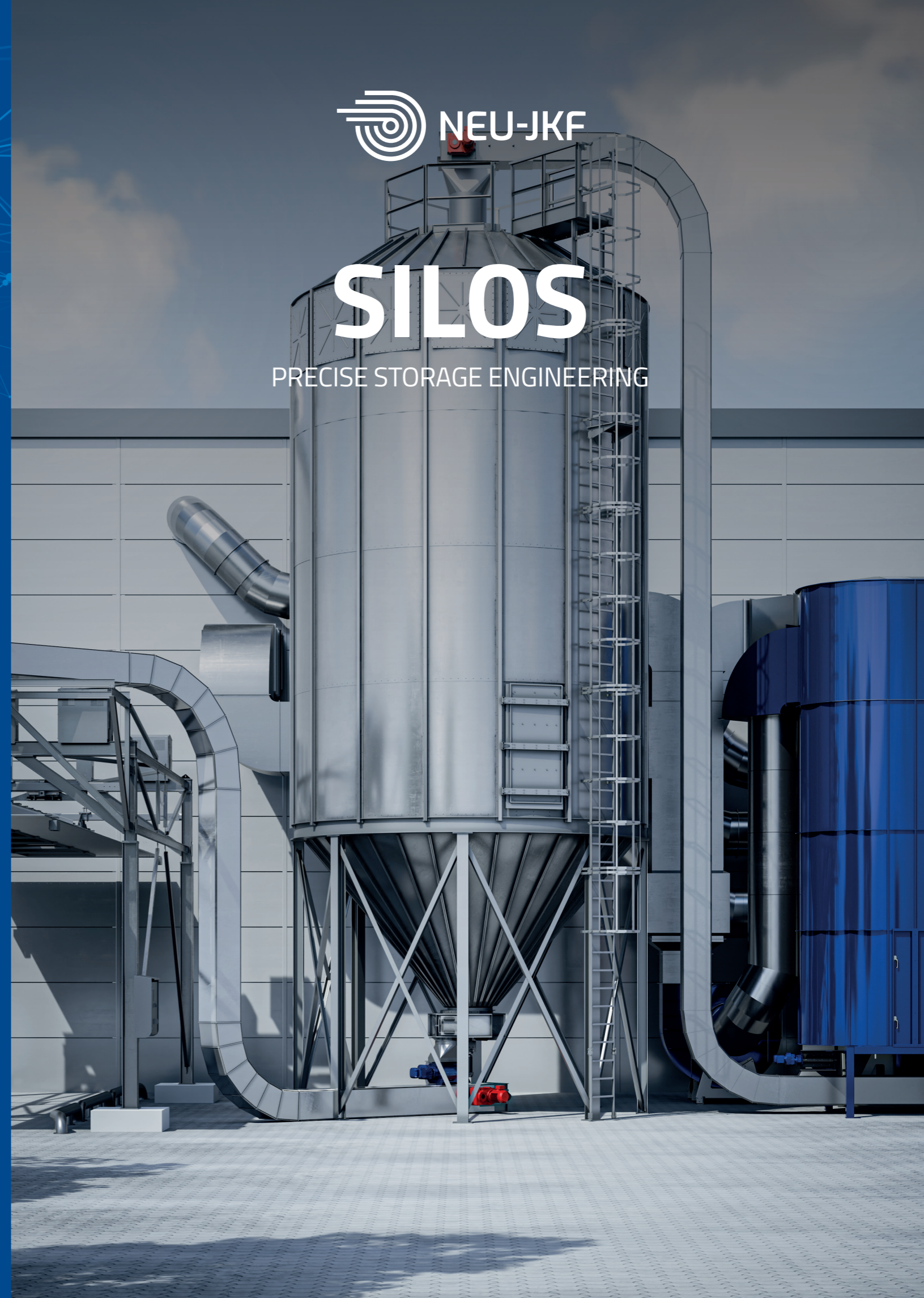




SILOS

PRECISE STORAGE ENGINEERING



NEU-JKF Sp. z o.o.
Berzyna 82
64-200 Wolsztyn
Poland
www.neujkf.pl

JKF Industri A/S
Rørsangervej 5, Als
9560 Hadsund
Denmark
www.jkfuniverse.com

NEU JKF Asia Sdn. Bhd.
Lot 8521, Persiaran Industri Galla
Galla Industrial Park, 70200 Seremban
Negeri Sembilan
Malaysia
www.neujkf.asia



NEU-JKF silos are durable and safe structures designed for storing bulk materials with a bulk density of up to 350 kg/m³, such as biomass, sawdust, wood chips, and dust. Engineered for reliability and long-term use, these silos meet the demands of modern industrial facilities and adhere to strict safety standards. Their design complies with current European regulations: EN 1990, EN 1991, EN 1992-4, EN 1993-1-1, and EN 1993-1-5, ensuring top quality and regulatory compliance.

NEU-JKF provides comprehensive solutions to support efficient bulk material handling in the wood processing, energy, and manufacturing industries.

UNIQUE FEATURES:

- 
QUICK ASSEMBLY
- 
SAFE ACCESS FOR SERVICING AND MAINTENANCE
- 
EASY EXPANDABILITY
- 
PREFABRICATED COMPACT COMPONENTS
- 
ALL SILO COMPONENTS GALVANIZED

STANDARD EQUIPMENT:

- Decompression panels (mounted in the cylindrical section or on the roof upon request) compliant with EN 14491 or NFPA 68
- Roof structure adapted for installation of technological equipment
- Silo discharge system equipped with a screw conveyor with adjustable capacity
- Standard inlet D500 mm (other sizes available upon request)
- Ladders, platforms, and walkways made in accordance with ISO 14122-3; ISO 14122-4
- Dry riser installation compliant with applicable standards
- Access opening for rapid silo discharge in compliance with EN 12779:2015
- 600x600 mm inspection hatch mounted on the roof with fall protection in accordance with EN 12779:2015
- Pressure sensor
- Minimum and maximum level sensors

OPTIONAL FEATURES:

- Silo discharge system – standard up to 30 m³/h, special version up to 80 m³/h
- Anti-bridging system inside the tank
- Option to install a lightning rod

SILO CONFIGURATION:

- Fast and easy silo configuration – components such as ladder, platform, dry riser, sight glasses, and scraper can be fully configured at any angle from 0° to 360°
- Flat-bottom silo design available upon request
- Mechanical scrapers for flat bottoms with capacities up to 80 m³/h and higher

SILO SIZES:

Model	Diameter [m]	Product range [m ³]
RSCp-2.4	2,4	15 / 20 / 25
RSCp-3.6	3,6	33 / 45 / 57
RSCp-4.5	4,5	62 / 80 / 98
RSC-5.4	5,4	100 / 220
RSC-6.0	6,0	200 / 260
RSC-6.6	6,6	220 / 280 / 340
RSC-7.4	7,4	400 / 460

TECHNICAL DATA:

Structural strength	Pstat = 0,2 bar
Explosion relief designed for	ST1 class (Kst = 200 bar-m/s)
Roof adapted for mounting technological equipment	max 1000 kg
Mechanical scrapers with power	1.1 kW, up to 4 kW
Operating temperature	-20°C to 50°C
Maximum particle size	13x13x13 mm
Maximum material density	350 kg/m ³