

Latest Innovations

Innovative solutions developed
across all areas of technology.

Product Catalogue

Quadro Plansifter 6x30 Series

SE-QP 6x30 A 640x640
SE-QP 6x30 A 740x740

Technological Advantages

Across All Markets and Sectors

SE-QP 6x30 A QUADRO PLANSIFTER - APPLICATION OVERVIEW

The Quadro Plansifter 6x30 is engineered for ultra-high-capacity, multi-stage classification in advanced flour and grain milling plants. With six independent sifting passages and 30 sieve frames, it delivers superior particle separation accuracy across complex milling diagrams. It ensures stable and uniform grading in wheat flour, semolina, corn flour, durum wheat, and soft wheat processing lines where high throughput and precision are essential. Unlike conventional suspended square plansifters, the Quadro Plansifter 6x30 is built with a heavy-duty self-supporting steel chassis. In facilities where ceiling suspension is structurally impractical or restricted, this integrated frame system transfers the full operational load directly to the floor – ensuring safe and stable installation.

This reinforced structural design provides:

To adapt to different plant standards and operational preferences, the SE-QP 6x30 A Plansifter offers extensive customization options:

- Six independent sifting cabins for high-capacity and multi-stage screening
- Superior mechanical stability under continuous load
- Reduced dependence on building infrastructure
- Even load distribution across the machine body
- Safe installation in single-floor mill layouts
- Long-term resistance to vibration fatigue

The external steel chassis absorbs oscillation forces efficiently while maintaining perfect internal sieve alignment during 24/7 industrial operation.

Advanced 6x30 High-Performance Sifting System

With its optimized 6x30 configuration, the machine performs precision multi-deck grading across six parallel passages. This enables simultaneous classification of multiple flour streams within a single compact footprint. The dynamically balanced drive mechanism ensures smooth horizontal motion, minimizing mechanical stress and protecting sieve frames from premature wear. Even under heavy production loads, the SE-QP 6x30 A maintains consistent flow balance and separation accuracy.

Customizable Construction Options

The Quadro Plansifter 6x30 can be configured according to plant requirements with:

- Stainless steel (chrome) sieve covers
- Stainless steel inlet and outlet pipes
- Chrome-coated wooden sieve boxes
- Fully aluminum sieve boxes
- Durable polyamide sieve boxes
- Wooden or aluminum insert frames

This flexibility allows adaptation to different hygiene standards, environmental conditions, and operational preferences.

Efficiency & Durability

Optimized sieve positioning and stable cabin alignment maintain consistent sifting capacity while reducing maintenance frequency. The modular structure allows easy inspection and service access, minimizing downtime and supporting extended machine lifespan. With its powerful and durable chassis system, independent structural support, and advanced sifting technology, the Quadro Plansifter 6x30 offers a reliable solution for facilities where ceiling suspension is not possible – delivering safe, efficient, and high-performance operation in modern milling plants.

Sealing, Hygiene & Protection

A specially engineered pressure clamping system provides tight and sift-proof door sealing. The insulated cabin structure protects against humidity and condensation, while the internal design prevents product accumulation in dead zones – reducing contamination risks, odor formation, mold growth, and insect activity.

Advanced Screening Media

Compatible screening materials include:

- Stainless steel mesh
- Stainless steel wire cloth
- SEFAR NYTAL high-performance nylon sieve fabric

This ensures accurate mesh selection based on product granulation and milling diagram requirements.

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Technological Advantages

Across All Markets and Sectors

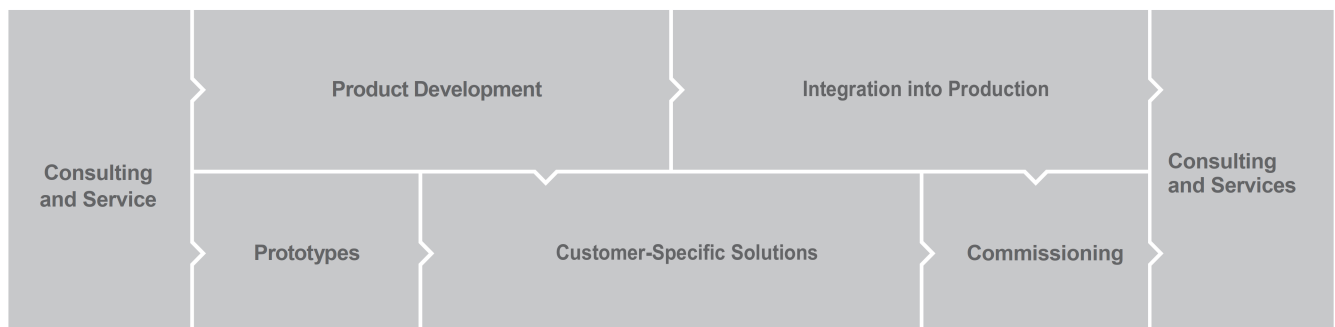
SE-QP 6x30 A QUADRO PLANSIFTER - APPLICATION OVERVIEW

FEATURES & ADVANTAGES

- ▶ Six independent sifting cabins for high-capacity and multi-stage screening
- ▶ Accurate and consistent particle separation across 6x30 sieve frames
- ▶ Stable and uniform screening performance with minimal product loss
- ▶ Compact design for easy integration into existing processing lines
- ▶ Balanced drive system for smooth and low-vibration operation
- ▶ Hygienic construction suitable for food-grade applications
- ▶ Easy access for sieve inspection, cleaning, and maintenance
- ▶ Low energy consumption and reduced operating costs
- ▶ Configurable total sieve box capacity between 170 and 190 units, depending on the selected milling diagram and process requirements
- ▶ For comprehensive details regarding components and configurations, please consult the Spare Parts Catalogue

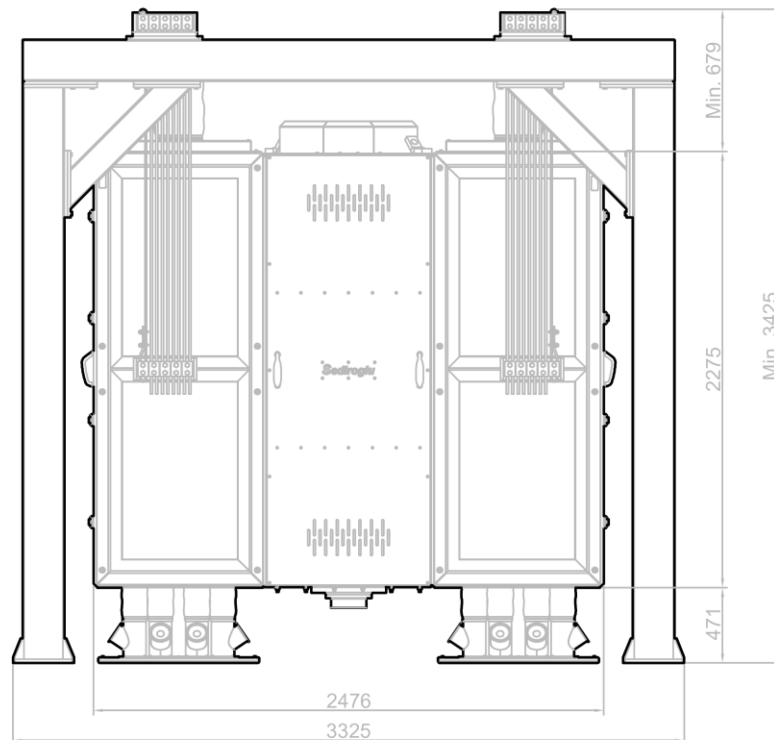
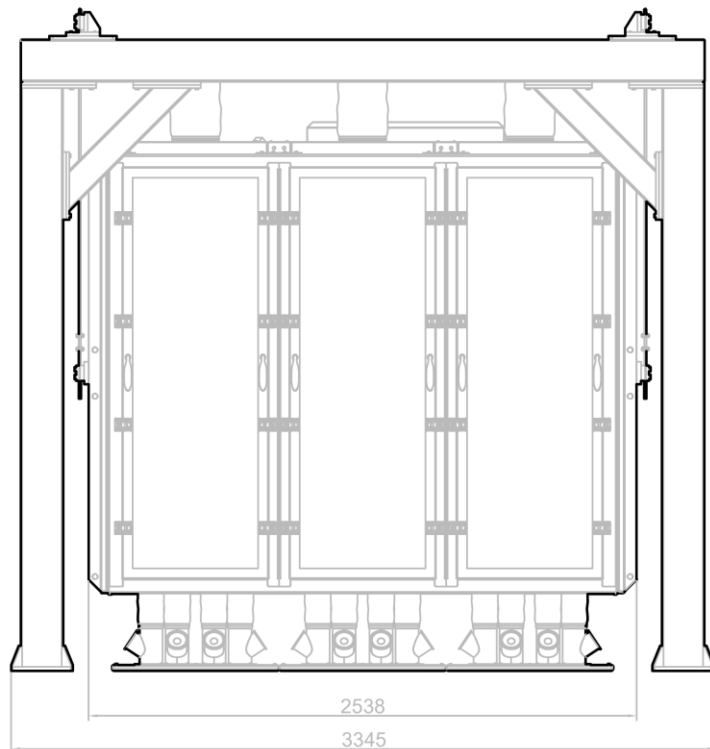
APPLICATION FIELDS

- ▶ Wheat flour mills
- ▶ Whole wheat flour milling plants
- ▶ Semolina (durum wheat) production lines
- ▶ Pasta flour production facilities
- ▶ Corn flour milling plants
- ▶ Rusk (galeta) flour mills
- ▶ Starch production plants
- ▶ Milling, sifting, and quality control sections



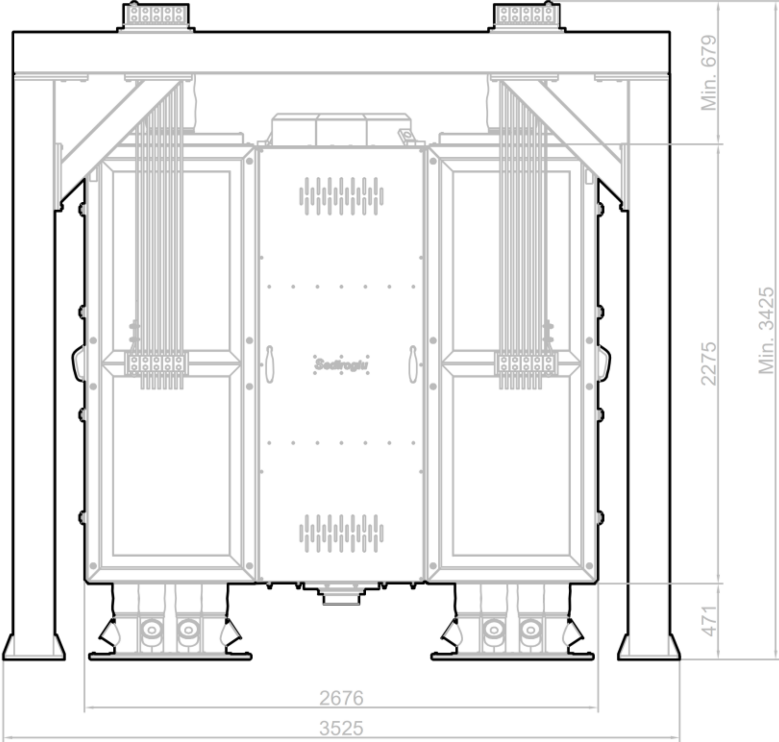
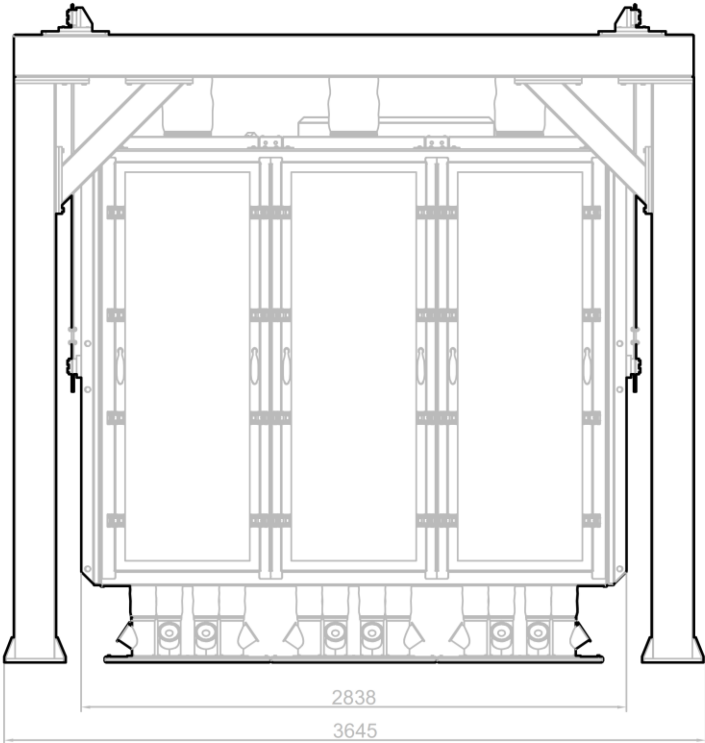
Technical Table

Quadro Plansifter
SE-QP-6X30-A 640x640



Technical Table

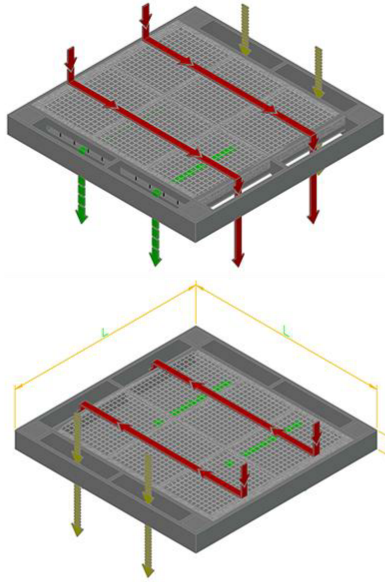
Quadro Plansifter
SE-QP-6X30-A 740X740



Sample Sieve Frames

For more information, please refer to the spare parts section.

TYPE: SE-AN-RIGTH



TYPE

N

SE-AN6457-RIGTH
SE-AN6462-RIGTH
SE-AN6472-RIGTH
SE-AN6482-RIGTH
SE-AN6492-RIGTH
SE-AN64102-RIGTH

DIMENSION (mm)

L

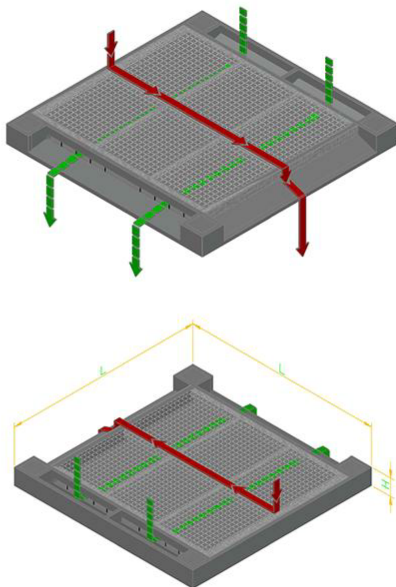
H

640 57
640 62
640 72
640 82
640 92
640 102

SE-AN7457-RIGTH
SE-AN7462-RIGTH
SE-AN7472-RIGTH
SE-AN7482-RIGTH
SE-AN7492-RIGTH
SE-AN74102-RIGTH

740 57
740 62
740 72
740 82
740 92
740 102

TYPE: SE-BN-RIGTH



TYPE

N

SE-BN6482-RIGTH
SE-BN6492-RIGTH
SE-BN64102-RIGTH

DIMENSION (mm)

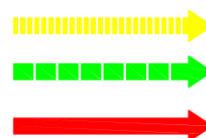
L

H

640 82
640 92
640 102

SE-BN7482-RIGTH
SE-BN7492-RIGTH
SE-BN74102-RIGTH

740 82
740 92
740 102



FEED THE BOTTOM SECTION

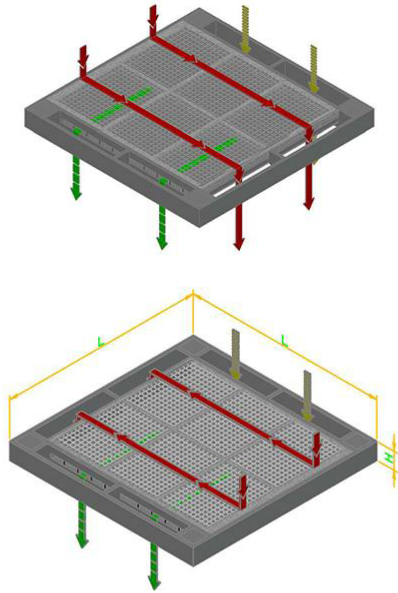
THROUGHES

OVERTAILS

Sample Sieve Frames

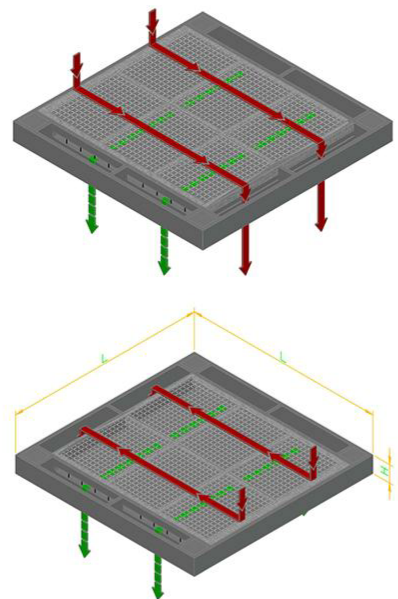
For more information, please refer to the spare parts section.

TYPE: SE-CN-LEFT

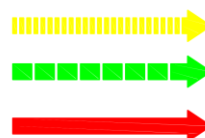


TYPE	DIMENSION (mm)	
	L	H
N		
SE-CN6457-LEFT	640	57
SE-CN6462- LEFT	640	62
SE-CN6472- LEFT	640	72
SE-CN6482- LEFT	640	82
SE-CN6492- LEFT	640	92
SE-CN64102- LEFT	640	102
SE-CN7457- LEFT	740	57
SE-CN7462- LEFT	740	62
SE-CN7472- LEFT	740	72
SE-CN7482- LEFT	740	82
SE-CN7492- LEFT	740	92
SE-CN74102- LEFT	740	102

TYPE: SE-DN-DOUBLE



TYPE	DIMENSION (mm)	
	L	H
N		
SE-DN6457-DOUBLE	640	57
SE-DN6462- DOUBLE	640	62
SE-DN6472- DOUBLE	640	72
SE-DN6482- DOUBLE	640	82
SE-DN6492- DOUBLE	640	92
SE-DN64102- DOUBLE	640	102
SE-DN7457- DOUBLE	740	57
SE-DN7462- DOUBLE	740	62
SE-DN7472- DOUBLE	740	72
SE-DN7482- DOUBLE	740	82
SE-DN7492- DOUBLE	740	92
SE-DN74102- DOUBLE	740	102



FEED THE BOTTOM SECTION

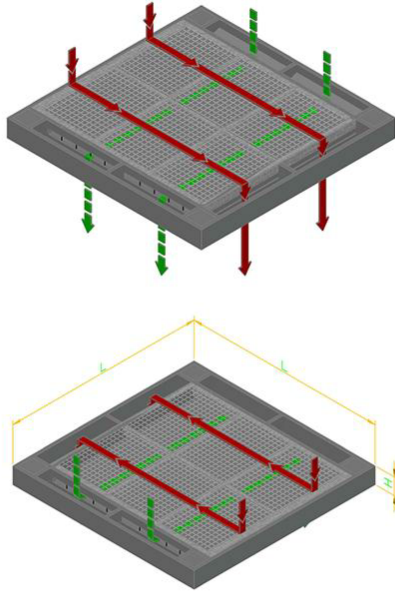
THROUGHS

OVERTAILS

Sample Sieve Frames

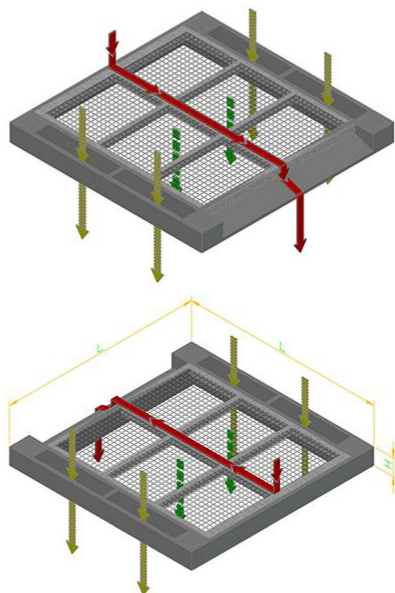
For more information, please refer to the spare parts section.

TYPE: SE-EN-RIGTH



TYPE	DIMENSION (mm)	
	L	H
N		
SE-EN6462- RIGTH	640	62
SE-EN6472- RIGTH	640	72
SE-EN6482- RIGTH	640	82
SE-EN6492- RIGTH	640	92
SE-EN64102- RIGTH	640	102
SE-EN7462- RIGTH	740	62
SE-EN7472- RIGTH	740	72
SE-EN7482- RIGTH	740	82
SE-EN7492- RIGTH	740	92
SE-EN74102- RIGTH	740	102

TYPE: SE-FN-TKD



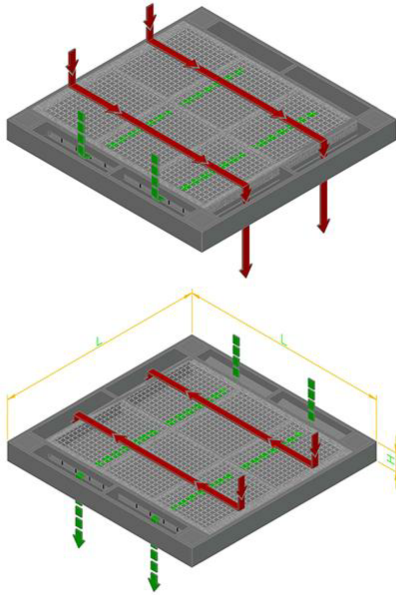
TYPE	DIMENSION (mm)	
	L	H
N		
SE-FN6457-TKD	640	57
SE-FN6462- TKD	640	62
SE-FN6472- TKD	640	72
SE-FN6482- TKD	640	82
SE-FN6492- TKD	640	92
SE-FN64102- TKD	640	102
SE-FN7457- TKD	740	57
SE-FN7462- TKD	740	62
SE-FN7472- TKD	740	72
SE-FN7482- TKD	740	82
SE-FN7492- TKD	740	92
SE-FN74102- TKD	740	102



Sample Sieve Frames

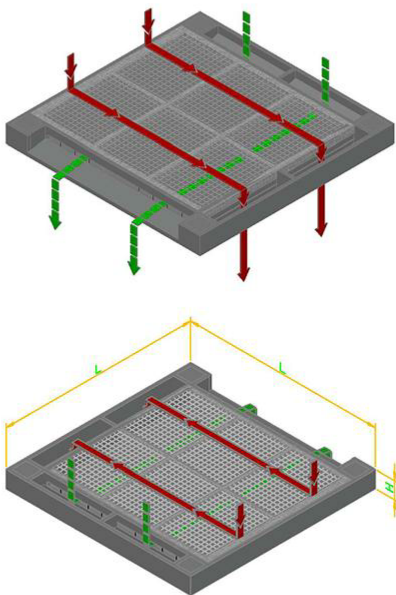
For more information, please refer to the spare parts section.

TYPE: SE-GN-LEFT



TYPE	DIMENSION (mm)	
	L	H
N		
SE-GN6462- LEFT	640	62
SE-GN6472- LEFT	640	72
SE-GN6482- LEFT	640	82
SE-GN6492- LEFT	640	92
SE-GN64102- LEFT	640	102
SE-GN7462- LEFT	740	62
SE-GN7472- LEFT	740	72
SE-GN7482- LEFT	740	82
SE-GN7492- LEFT	740	92
SE-GN74102- LEFT	740	102

TYPE: SE-HN-RIGTH



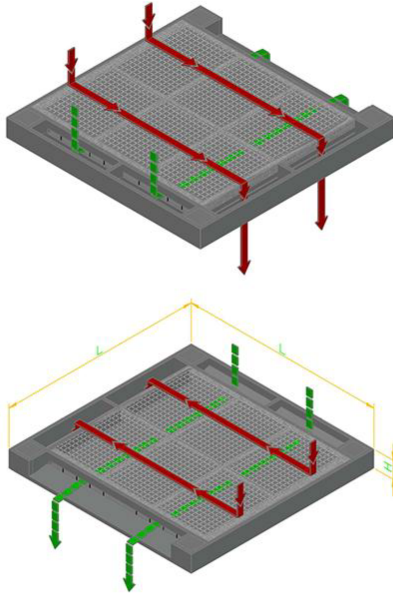
TYPE	DIMENSION (mm)	
	L	H
N		
SE-HN6462- RIGTH	640	62
SE-HN6472- RIGTH	640	72
SE-HN6482- RIGTH	640	82
SE-HN6492- RIGTH	640	92
SE-HN64102- RIGTH	640	102
SE-HN7462- RIGTH	740	62
SE-HN7472- RIGTH	740	72
SE-HN7482- RIGTH	740	82
SE-HN7492- RIGTH	740	92
SE-HN74102- RIGTH	740	102



Sample Sieve Frames

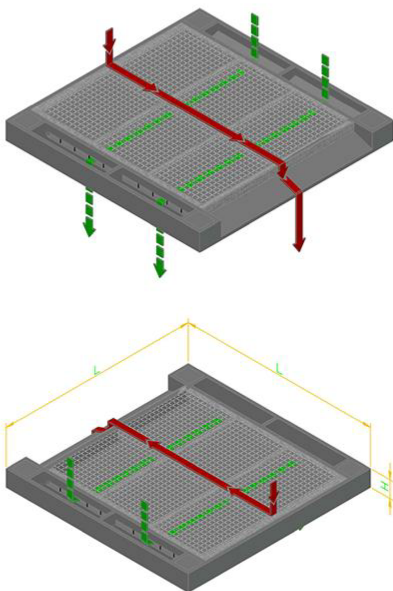
For more information, please refer to the spare parts section.

TYPE: SE-IN-LEFT

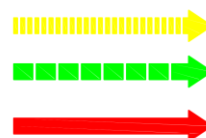


TYPE	DIMENSION (mm)	
	L	H
N		
SE-IN6462- LEFT	640	62
SE-IN6472- LEFT	640	72
SE-IN6482- LEFT	640	82
SE-IN6492- LEFT	640	92
SE-IN64102- LEFT	640	102
SE-IN7462- LEFT	740	62
SE-IN7472- LEFT	740	72
SE-IN7482- LEFT	740	82
SE-IN7492- LEFT	740	92
SE-IN74102- LEFT	740	102

TYPE: SE-JN-RIGTH



TYPE	DIMENSION (mm)	
	L	H
N		
SE-JN6472- RIGTH	640	72
SE-JN6482- RIGTH	640	82
SE-JN6492- RIGTH	640	92
SE-JN64102- RIGTH	640	102
SE-JN7472- RIGTH	740	72
SE-JN7482- RIGTH	740	82
SE-JN7492- RIGTH	740	92
SE-JN74102- RIGTH	740	102



FEED THE BOTTOM SECTION

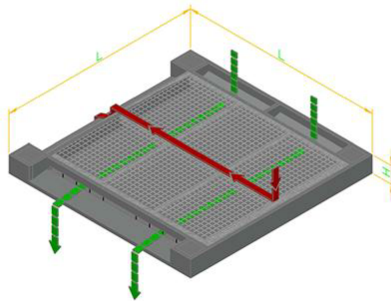
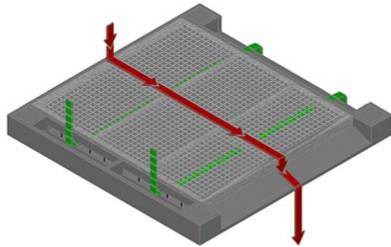
THROUGHS

OVERTAILS

Sample Sieve Frames

For more information, please refer to the spare parts section.

TYPE: SE-KN-LEFT



TYPE

DIMENSION (mm)

N

L

H

SE-KN6482- LEFT

640

82

SE-KN6492- LEFT

640

92

SE-KN64102- LEFT

640

102

SE-KN7482- LEFT

740

82

SE-KN7492- LEFT

740

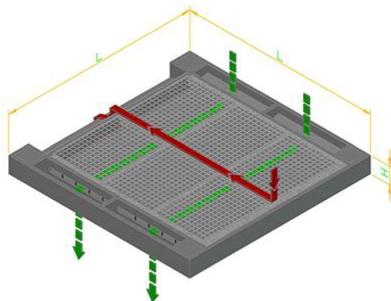
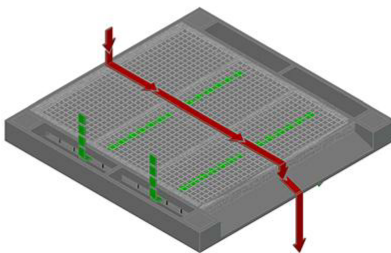
92

SE-KN74102- LEFT

740

102

TYPE: SE-LN-LEFT



TYPE

DIMENSION (mm)

N

L

H

SE-LN6472- LEFT

640

72

SE-LN6482- LEFT

640

82

SE-LN6492- LEFT

640

92

SE-LN64102- LEFT

640

102

SE-LN7472- LEFT

740

72

SE-LN7482- LEFT

740

82

SE-LN7492- LEFT

740

92

SE-LN74102- LEFT

740

102



FEED THE BOTTOM SECTION



THROUGHS



OVERTAILS

SEDIROGLU GROUP DELIVERS COMPLETE SOLUTIONS ACROSS VARIOUS INDUSTRIES, COMBINING DEEP TECHNICAL EXPERTISE WITH A DIVERSE AND EXTENSIVE PRODUCT RANGE TO MEET A WIDE SPECTRUM OF CUSTOMER NEEDS.

FACING A DEVELOPMENT CHALLENGE? WE PROVIDE THE SOLUTION.
AT SEDIROGLU GROUP, OUR EXPERIENCED R&D TEAM IS COMMITTED TO CONTINUOUS IMPROVEMENT.
MANY INDUSTRY INNOVATIONS HAVE ORIGINATED FROM OUR COMPANY.
WE ARE DRIVEN BY A FORWARD-THINKING MINDSET AND A PIONEERING SPIRIT IN EVERY STEP WE TAKE.

CONTACT – WORLDWIDE

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We look forward to hearing from you!

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