

# RNA's Linear Feeders

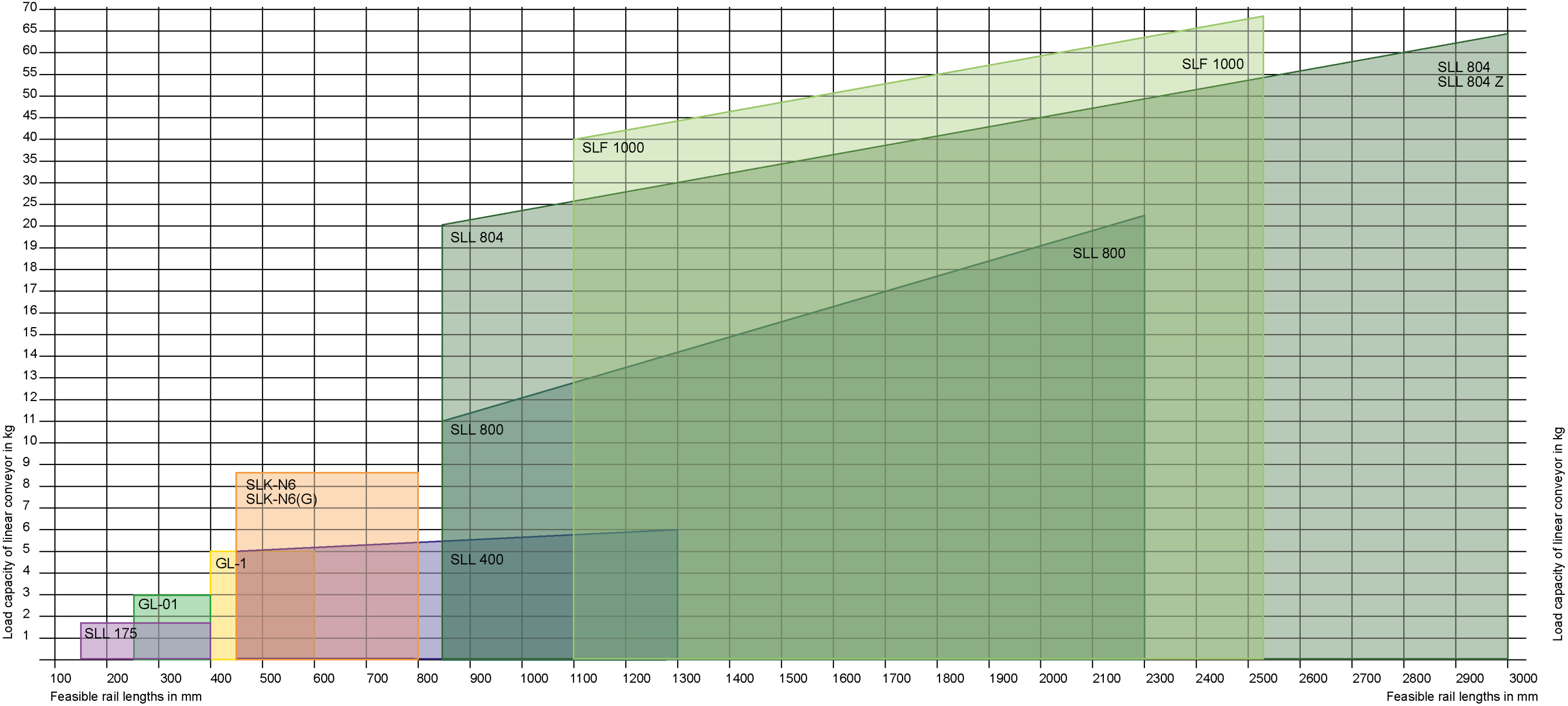
Linear feeders permit linear sorting (linear sorting section). Such sorting sections can also installed in the form of multiple lanes to achieve higher selection performance. Rejected parts are returned to the upstream feeding system via so-called sorting trays which are also operated by the linear feeder. In addition to purely feeding, linear feeders also act as buffering and accumulation section, allowing you to supply a continuous stream of parts to the downstream process even if parts arrive in discontinuous manner from the upstream sorting system. Linear feeders also serve as drives for hopper trays used to store bulk products. In comparison to other hopper systems, vibratory hoppers offer the design-inherent advantage of guaranteeing trouble-free and gap-less material flow, and accommodate high loading weights. For more information, please refer to the chapter titled "Hoppers". Linear feeders from RNA achieve high feeding rates and do their jobs even with long feeding sections or in critical conditions.



# Selection matrix for two-mass linear feeders with rubber-metal isolators

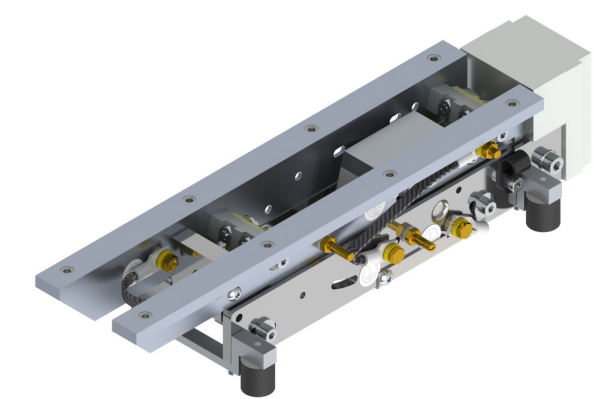
This is an overview of the best-selling linear feeders from our program. These units are mounted on the baseplates via vibration isolators. We offer a standard version and also different adaptations.

When selecting the adaptation, be sure to consider that harder isolators will also transmit more vibrations into the substructures.





# Linear feeder series SLL 175



### Infos

- In their standard version, linear feeders of the SLL 175 series are equipped with 200V / 50Hz magnets.
- Also available with : 200V 60Hz, 110V 50Hz, 110V 60Hz
- Protection rating IP 54
- CE and CSA/UL
- Suitable for rail lengths from 175 mm to 400 mm, with max. weight from 1.3 kg to 1.5 kg
- The aluminium sections receiving the top-mounted components can be installed in two positions. This results in different fastener hole pitches:  
B = 48 mm and S = 20 mm

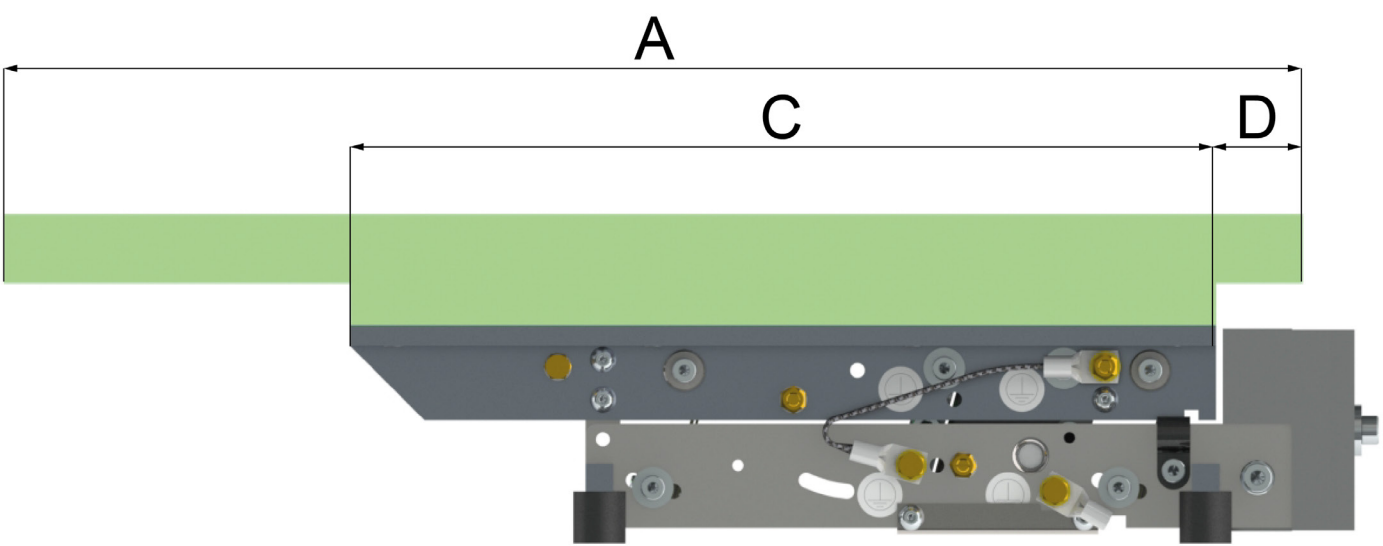
### Description

Linear feeders of the SLL 175 family have been designed for use as linear accumulating feeders in small, compact feeding systems.

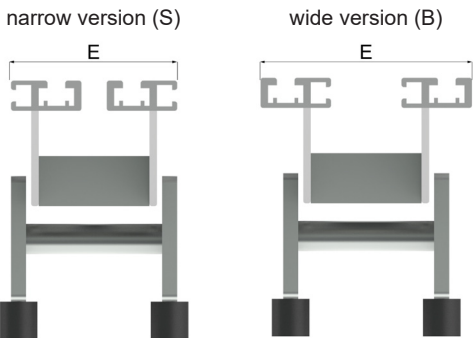
All linear feeders of RNA's SLL series are noted for two characteristic features:

1. Patented adjustment of the spring angles where the set air gap is preserved and the rail's position in relation to the substructure is maintained.
2. Swappable vibrating sections

Width extenders and substructures are available as accessories.



Typical application: SLL 175-250 as accumulation section for feeding to an escapement



Type	SLL 175-175	SLL 175-250
Dimensions LxWxH (mm)	200x82x63	275x82x63
A = maximum rail length (mm)	325	400
C = length of vibratory unit (mm)	175	250
D = max. rail overhang (entry end) (mm)	50	50
E = width of vibratory unit (s / b) (mm)	36 / 62	36 / 62
Weight of linear feeder (kg)	1.2	1.4
Max. weight of vibratory units, linear rail and fastening components (kg)	1.3	1.5
Max. weight of all parts lying on the rail (kg)	0.5	0.6
Current input (mA)	70	70
Vibrating frequency (Hz)	100	100
Connecting cable length (m)	1.5	1.5

# Linear feeder series SLL 400



### Infos

- In their standard version, linear feeders of the SLL 400 series are outfitted with 200V / 50Hz magnets.
- Also available with : 200V 60Hz, 110V 50Hz, 110V 60Hz
- Protection rating IP 54
- CE and CSA/UL
- Suitable for rail lengths from 400 mm to 1,300 mm, with max. weight from 5 kg to 8 kg
- The aluminium sections for fastening of top-mounted components can be installed in two positions. This results in different fastener hole pitches:  
**B = 64 mm and S = 30 mm**

### Description

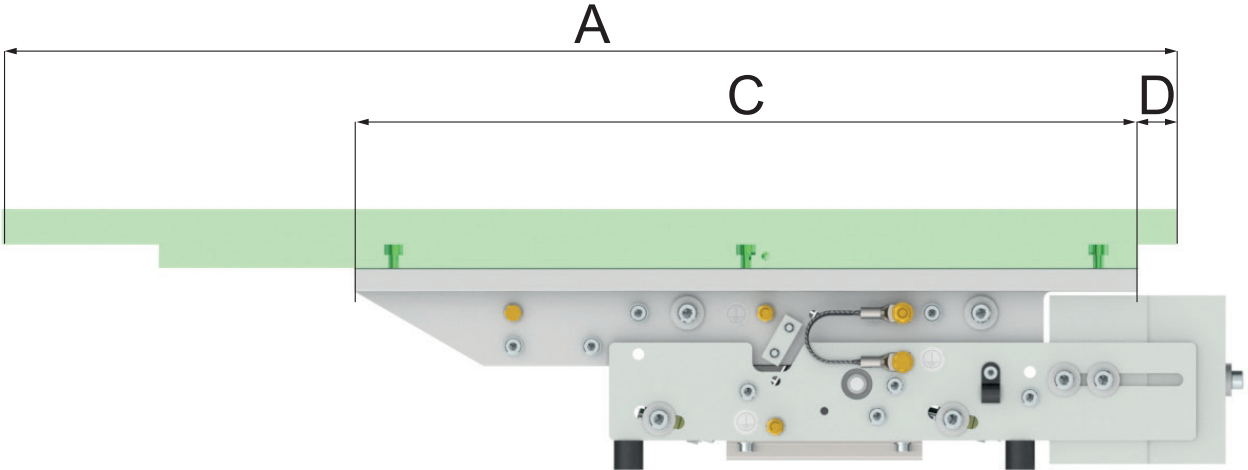
Linear feeders of the SLL 400 series have been primarily designed to serve as linear accumulating sections in feeding systems, however they can also be used to build compact vibration hoppers.

A vibrating section with continuous slot specially made for these linear feeders permits easy mounting of sorting rails or hopper trays.

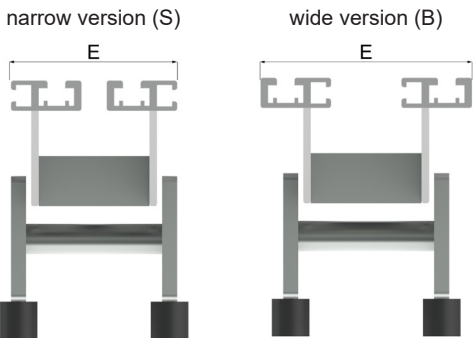
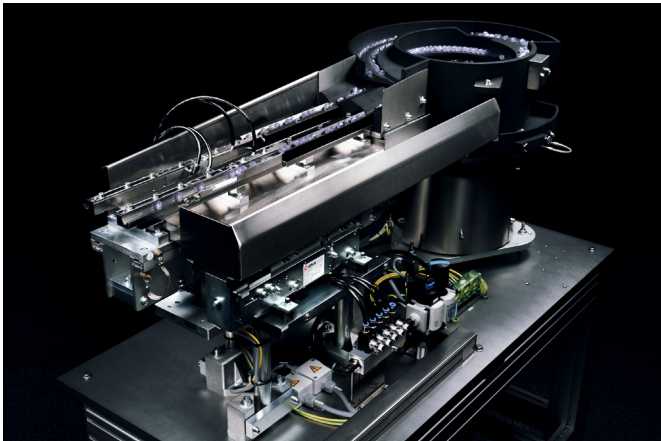
All linear feeders of RNA's SLL series are noted for two characteristic features:

1. Patented adjustment of the spring angles where the set air gap is preserved and the rail's position in relation to the substructure is maintained.
2. Swappable vibrating sections

Width extenders and substructures are available as accessories.



Typical application: Orienting section based on SLL 400



Type	SLL 400-400	SLL 400-600	SLL 400-800	SLL 400-1000
Dimensions LxWxH (mm)	430x84x103	630x84x103	830x84x103	1030x84x103
A - maximum rail length (mm)	700	900	1100	1300
C - length of vibratory unit (mm)	400	600	800	1000
D - max. rail overhang (entry end) (mm)	100	100	100	100
E - width of vibratory unit (s / b) (mm)	66 / 84	66 / 84	66 / 84	66 / 84
Weight of linear feeder (kg)	6.5	8	10	12.5
Max. weight of vibratory units, linear rail and fastening components (kg)	5	6	7	8
Recommended weight of all parts lying on the rail (kg)	2	2	2	2
Current input (mA)	600	600	600	600
Vibrating frequency (Hz)	100	100	100	100
Connecting cable length (m)	1.5	1.5	1.5	1.5

# Linear feeder series SLL 800



### Infos

- In their standard version, linear feeders of the SLL 800 series are outfitted with 200V / 50Hz magnets.
- Also available with : 200V 60Hz, 110V 50Hz, 110V 60Hz
- Protection rating IP 54
- CE and CSA/UL
- Suitable for rail lengths from 800 mm to 2,300 mm, with max. weight from 11 kg to 23 kg
- The aluminium sections for fastening of top-mounted components can be installed in two positions. This results in different fastener hole pitches:  
**B = 90 mm and S = 40 mm**

### Description

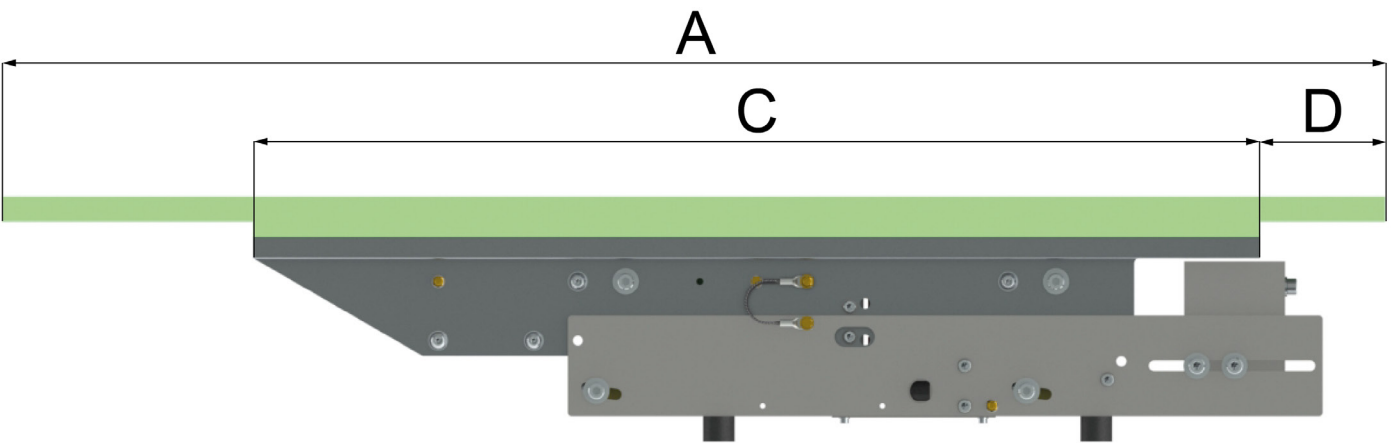
Linear feeders of the SLL 800 series have been primarily designed to serve as linear accumulating sections in feeding systems, however they can also be used to build compact vibration hoppers.

A vibrating section with continuous slot specially made for these linear feeders permits easy mounting of sorting rails or hopper trays.

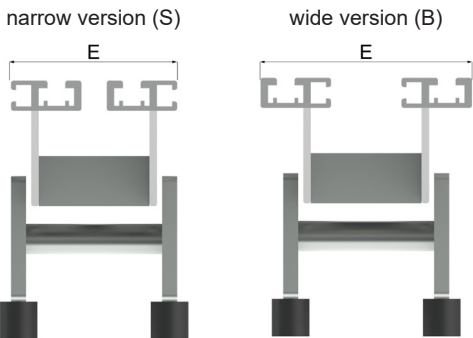
All linear feeders of RNA's SLL series are noted for two characteristic features:

1. Patented adjustment of the spring angles where the set air gap is preserved and the rail's position in relation to the sub-structure is maintained.
2. Swappable vibrating sections

Width extenders and substructures are available as accessories.



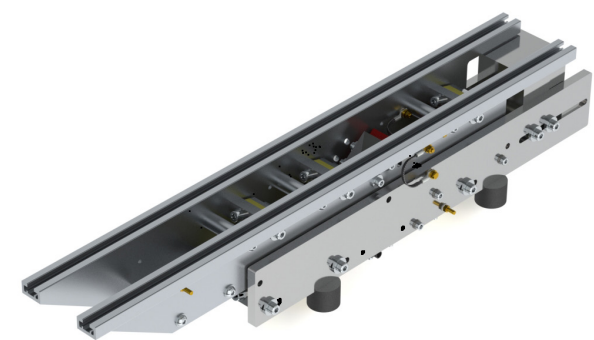
Typical application: SLL 800-1200 as accumulation section



Type	SLL 800-800	SLL 800-1000	SLL 800-1200	SLL 800-1400	SLL 800-1600	SLL 800-1800	SLL 800-2000
Dimensions LxWxH (mm)	850x120x162	1050x120x162	1250x120x162	1450x120x162	1650x120x162	1850x120x162	2050x120x162
A = maximum rail length (mm)	1100	1300	1500	1700	1900	2100	2300
C = length of vibratory unit (mm)	800	1000	1200	1400	1600	1800	2000
D = max. rail overhang (entry end) (mm)	100	100	100	100	100	100	100
E = width of vibrating unit (s / b) (mm)	70 / 120	70 / 120	70 / 120	70 / 120	70 / 120	70 / 120	70 / 120
Weight of linear feeder (kg)	18.5	20.5	23.5	24	31.5	34	39.5
Max. weight of vibratory units, linear rail and fastening components (kg)	11	13	15	17	19	21	23
Max. weight of all parts lying on the rail (kg)	8	8	10	10	10	10	10
Current input (mA)	1260	1260	1260	1260	1260	1260	1260
Vibrating frequency (Hz)	50	50	50	50	50	50	50
Connecting cable length (m)	1.75	1.75	1.75	1.75	1.75	1.75	1.75



# Linear feeder series SLL 804



### Infos

- In their standard version, linear feeders of the SLL 804 series are outfitted with 200V / 50Hz magnets.
- Also available with : 200V 60Hz, 110V 50Hz, 110V 60Hz
- Protection rating IP 54
- CE and CSA/UL
- Suitable for rail lengths from 800 mm to 3,100 mm, with max. weight from 21 kg to 62 kg
- The aluminium sections for fastening of top-mounted components can be installed in two positions. This results in different fastener hole pitches:  
**B = 90 mm and S = 40 mm**

### Description

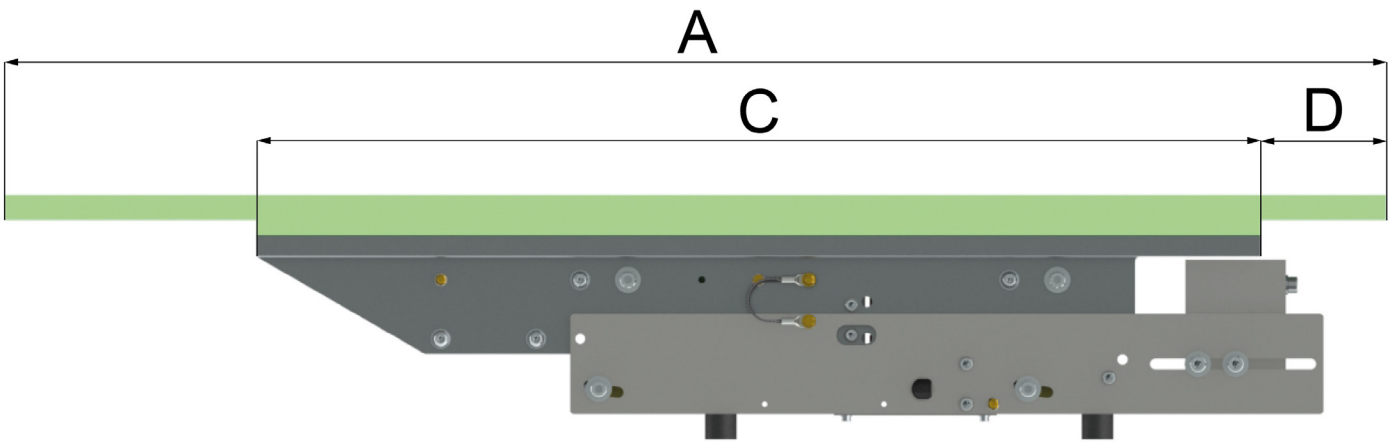
Linear feeders of the SLL 804 series are the heavy-duty version of SLL 800 feeders, and have been specially developed to meet the need for large and heavy accumulating sections. The higher weight combined with the configuration of the magnet provides users with a high performance spectrum.

A vibrating section with continuous slot specially made for these linear feeders permits easy mounting of sorting rails or hopper trays.

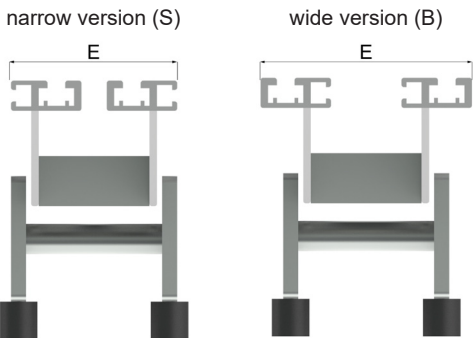
All linear feeders of RNA's SLL series are noted for two characteristic features:

1. Patented adjustment of the spring angles where the set air gap is preserved and the rail's position in relation to the substructure is maintained.
2. Swappable vibrating sections

Width extenders and substructures are available as accessories.

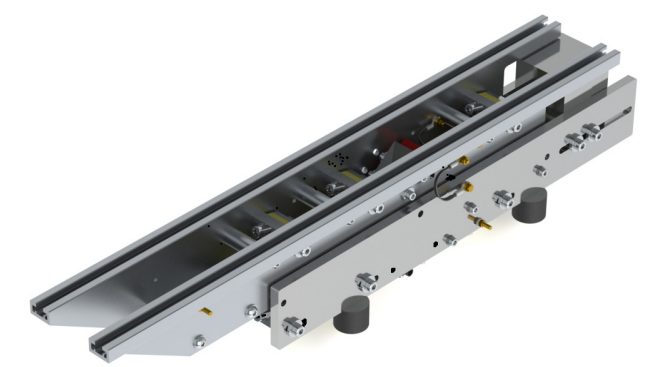


Typical application: SLL 804 as accumulation and feeding section



Type	SLL 804-800	SLL 804-1000	SLL 804-1200	SLL 804-1400	SLL 804-1600	SLL 804-1800	SLL 804-2000	SLL 804-2400	SLL 804-2800
Dimensions LxWxH (mm)	850x127x172	1050x127x172	1250x127x172	1450x127x172	1650x127x172	1850x127x172	2050x127x172	2450x127x172	2850x127x172
A = maximum rail length (mm)	1100	1300	1500	1700	1900	2100	2300	2700	3100
C = length of vibratory unit (mm)	800	1000	1200	1400	1600	1800	2000	2400	2800
D = max. rail overhang (entry end) (mm)	100	100	100	100	100	100	100	100	100
E = width of vibratory unit (s / b) (mm)	70 / 120	70 / 120	70 / 120	70 / 120	70 / 120	70 / 120	70 / 120	70 / 120	70 / 120
Weight of linear feeder (kg)	21.5	24.5	27.5	29.5	39.5	43	49.5	63	76
Max. weight of vibratory units, linear rail and fastening components (kg)	21	25	28	32	36	40	44	51	62
Max. weight of all parts lying on the rail (kg)	15	15	15	15	15	15	15	12	12
Current input (mA)	1260	1260	1260	1260	2510	2510	2510	2510	2510
Vibrating frequency (Hz)	50	50	50	50	50	50	50	50	50
Connecting cable length (m)	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75

# Linear feeder series SLL 804 Z

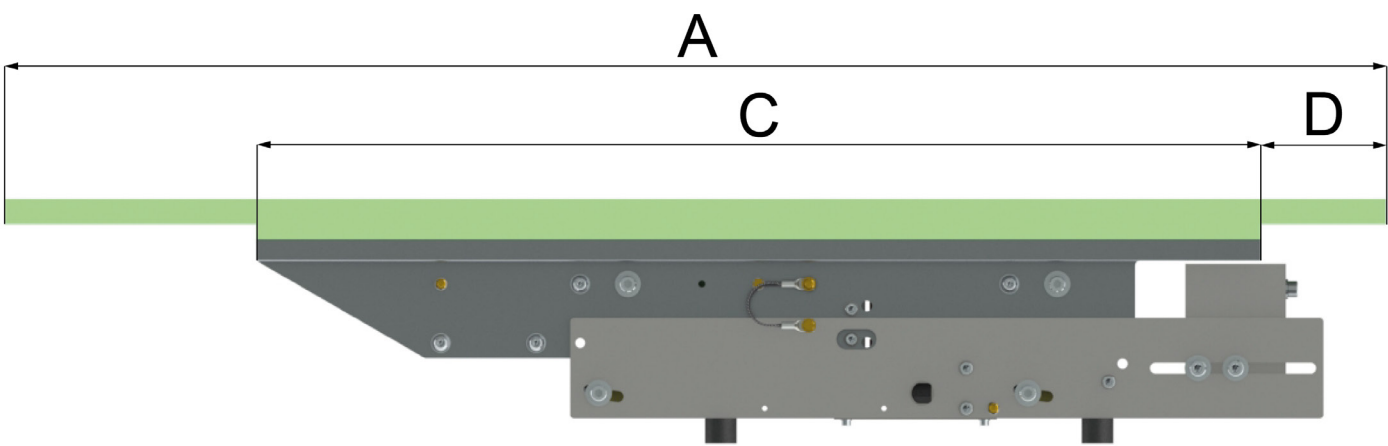


### Infos

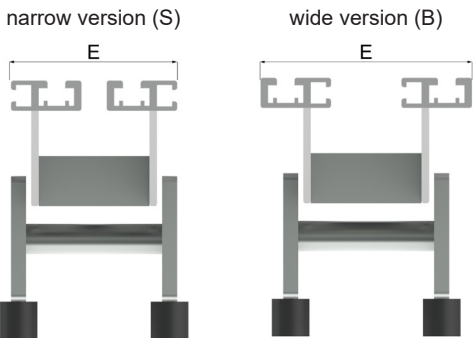
- In their standard version, linear feeders of the SLL 804 Z series are outfitted with 200V / 50Hz magnets.
- Also available with : 200V 60Hz, 110V 50Hz, 110V 60Hz
- Protection rating IP 54
- CE and CSA/UL
- Suitable for rail lengths from 800 mm to 3,100 mm, with max. weight from 21 kg to 62 kg
- The aluminium sections for fastening of top-mounted components can be installed in two positions. This results in different fastener hole pitches:  
**B = 90 mm and S = 40 mm**

### Description

Linear feeders of the SLL 804 Z series present the same characteristics and dimensions as the SLL 804 series feeders. But this series comes with a higher number of spring packs. This feature is helpful when the drive is to be operated with high amplitudes. The additional spring force required for this is distributed onto more spring packs.

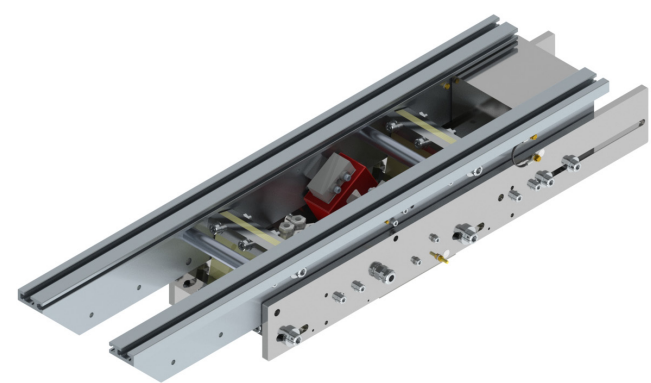


Typical application: SLL 804 Z-1600 as accumulation and feeding section in the pharmaceutical industry



Type	SLL 804 Z-800	SLL 804 Z-1000	SLL 804 Z-1200	SLL 804 Z-1400	SLL 804 Z-1600	SLL 804 Z-1800	SLL 804 Z-2000	SLL 804 Z-2400	SLL 804 Z-2800
Dimensions LxWxH (mm)	850x127x 172	1050x127x 172	1250x127x 172	1450x127x 172	1650x127x 172	1850x127x 172	2050x127x 172	2450x127x 172	2850x127x 172
A - maximum rail length (mm)	1100	1300	1500	1700	1900	2100	2300	2700	3100
C - length of vibratory unit (mm)	800	1000	1200	1400	1600	1800	2000	2400	2800
D - max. rail overhang (entry end) (mm)	100	100	100	100	100	100	100	100	100
E - width of vibrating unit (s / b) (mm)	70 / 120	70 / 120	70 / 120	70 / 120	70 / 120	70 / 120	70 / 120	70 / 120	70 / 120
Weight of linear feeder (kg)	21.5	24.5	27.5	29.5	39.5	43	49.5	63	76
Max. weight of vibratory units, linear rail and fastening components (kg)	21	25	28	32	36	40	44	51	62
Max. weight of all parts lying on the rail (kg)	15	15	15	15	15	15	15	12	12
Current input (mA)	1260	1260	1260	1260	2510	2510	2510	2510	2510
Vibrating frequency (Hz)	50	50	50	50	50	50	50	50	50
Connecting cable length (m)	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.8	1.8

# Linear feeder series SLF 1000



### Infos

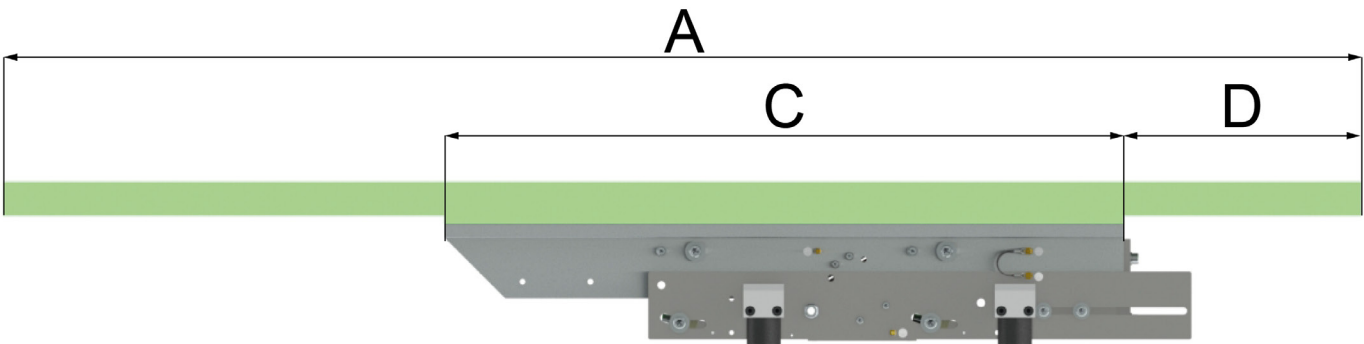
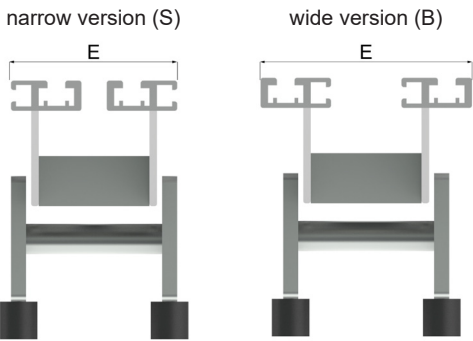
- In their standard version, linear feeders of the SLL 1000 series are outfitted with 200V / 50Hz magnets.
- Also available with : 200V 60Hz, 110V 50Hz, 110V 60Hz
- Protection rating IP 54
- CE and CSAUL. Suitable for rail lengths from 800 mm to 3,100 mm, with max. weight from 21 kg to 62 kg
- The aluminium sections for fastening of top-mounted components can be installed in two positions. This results in different fastener hole pitches:  
B = 204 mm and S = 140 mm

### Description

Linear feeders of RNA's SLF 1000 series are chosen when vibrating units represent a big weight (approx. 50 kg) and high amplitudes are required. These drives enable rail lengths from 1,000 - 3,000 mm to be realized with proven process reliability. These drives - in combination with variable frequency controllers - are also perfect for vibratory hoppers with a loading capacity of 200 kg.

Feeders of the SLF 1000 series present the same characteristics as the SLL series.

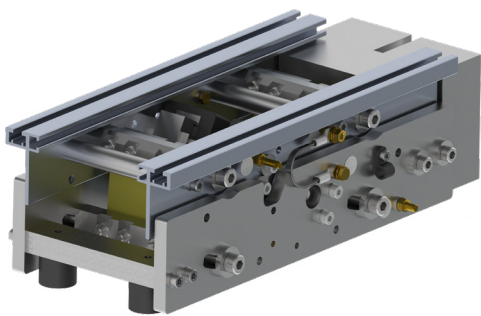
Width extenders and substructures are available as accessories.



Type	SLF 1000-1000	SLF 1000-1500
Dimensions LxWxH (mm)	1100x244x178	1600x244x178
A = maximum rail length (mm)	2000	2500
C = length of vibratory unit (mm)	1000	1500
D = max. rail overhang (entry end) (mm)	350	350
E = width of vibratory unit (s / b) (mm)	204 / 244	204 / 244
Weight of linear feeder (kg)	62	80
Max. weight of vibratory units, linear rail and fastening components (kg)	35	65
Max. weight of all parts lying on the rail (kg)	20	20
Current input (mA)	2500	5000
Vibrating frequency (Hz)	50	50
Connecting cable length (m)	1.75	1.75



# Linear feeder series SLC 300 / 500

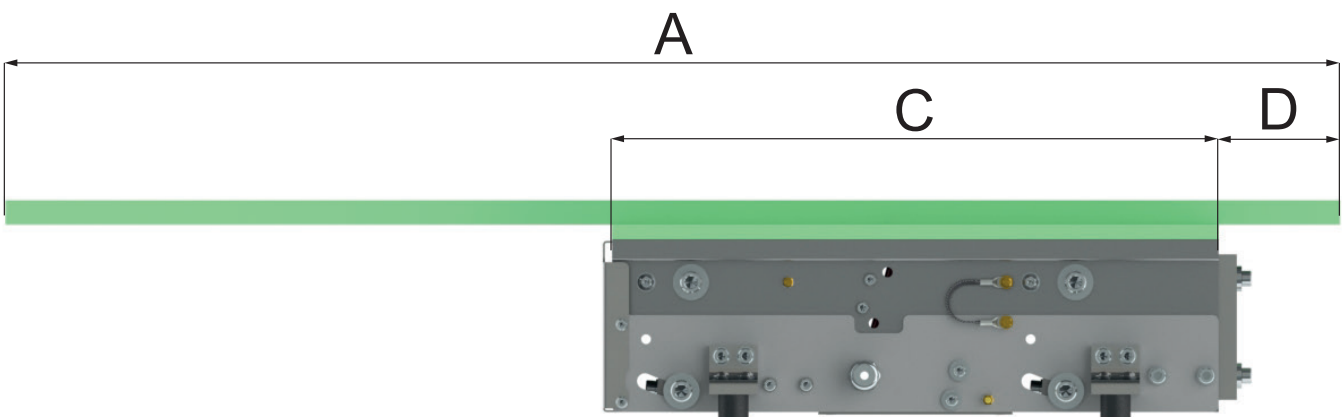


### Infos

- **Even conveyance of pills or bottles**
- **Accelerated discharge at exit end**
- **Compact design for integration with customer's machine**
- **Compact linear feeder with 50Hz magnets**
- **Low height**
- **Shortest possible length**
- **Very high load carrying capacity possible (approx. 60-70 kg)**
- **Big overhangs can be realized at the exit end (approx. 500 - 700 mm)**
- **Minimum transmission of vibrations into the baseframe at high amplitudes, due to the drive weight**
- **Vibration isolator arrangement (8-part)**
- **The spring arrangement in combination with the counterweight provides for smooth and gentle running behaviour (for feeding of glass bottles in upright position, for example)**
- **Adjustable spring angles**
- **The SLC500 linear feeders have an overall length of 525 mm.**
- **The second figure in the type designation indicates the hole pitch over the width of the linear feeder. These holes serve to fasten the top-mounting components.**

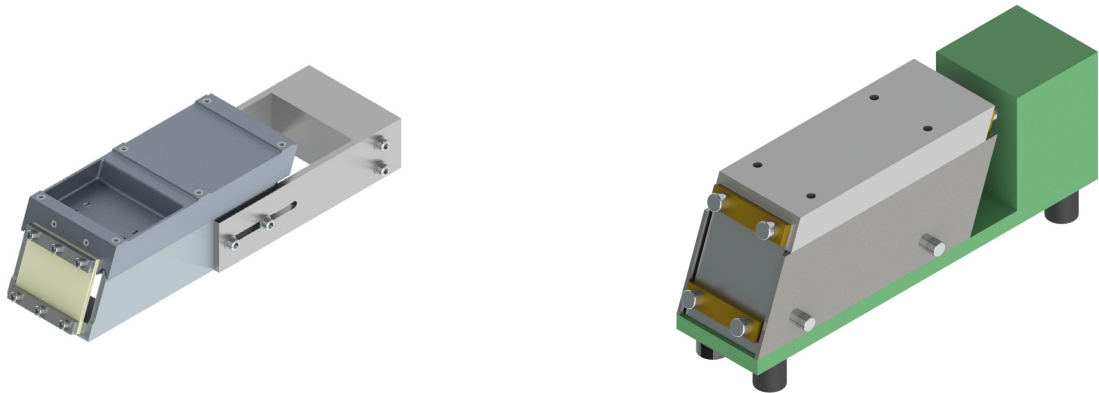
### Description

The new linear feeders of the SLC series are ideal for applications with wide, multi-lane transport and accumulation sections as well as for the realization of hopper systems where a high filling volume and weight must be achieved in a small space. The concept of the SLC series is based on the use of 2 magnets arranged in parallel, which effectively distribute their force over 4 leaf spring assemblies. Depending on the drive type, payloads of up to 100 kg are possible as a bunker drive, for example. Depending on the design, accumulation sections can also be mounted with a weight of up to 40 kg. The even and gentle vibration transmission can be optimized by the user via the adjustable spring angle installation and weight adjustment. We recommend operating the drives with our ESR and SCF frequency controls



Type	SLC 300-140	SLC 500-200	SLC 500-300	SLC 500-400
Dimensions LxWxH (mm)	300x140x105	525x369x148	525x469x148	525x569x148
A = maximum rail length (mm)	600	1000	1000	1000
C = length of vibratory unit (mm)	300	500	500	500
D = max. rail overhang (entry end) (mm)	100	100	100	100
E = width of vibratory unit (s / b) (mm)	140	220	320	420
Weight of linear feeder (kg)	15	40	40	50
Max. weight of vibratory units, linear rail and fastening components (kg)	15	40	50	60
Max. weight of all parts lying on the rail (kg)	2	2	2	2
Current input (mA)	1200	2520	2520	2520
Vibrating frequency (Hz)	100	50	50	50
Connecting cable length (m)	2	2	2	2

# Linear feeder series SLK



Infos

- **Compact design**
- **Easy spring replacement**

Description

Linear feeders of RNA's SLK series are designed to drive vibrating troughs in which bulk product is conveyed. They serve for linear transfer as well as correctly oriented and metered feeding of bulk parts.

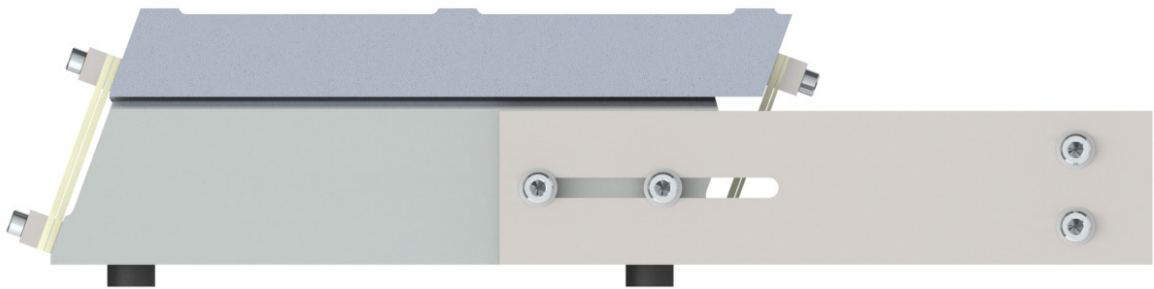


Fig.: SLK N6 (G)

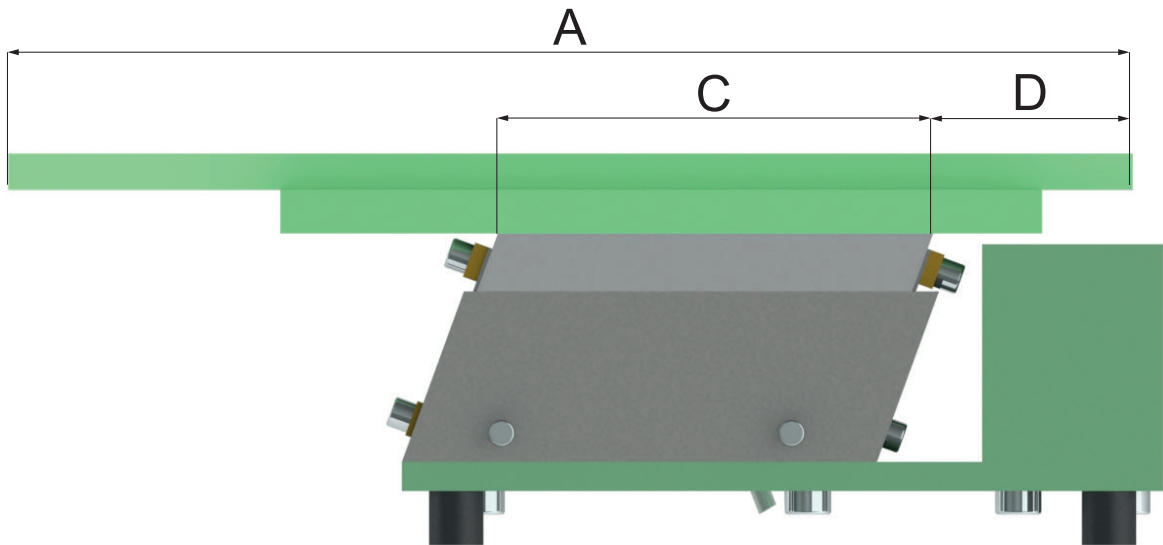
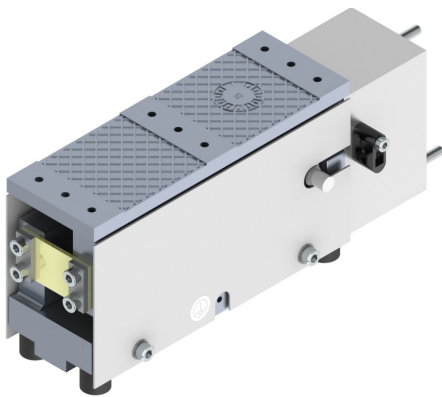


Fig.: SLK 05

Type	SLK 05	SLK 1	SLK N6	SLK N6 (G)	SLK 12
Dimensions LxWxH (mm)	210x50x86	305x123x104	426x162x143	598x162x143	515x203x164
A = maximum rail length (mm)	350	400	800	800	1000
C = length of vibratory unit (mm)	120	247	340	340	415
D = max. rail overhang (entry end) (mm)	50	50	150	150	190
Width of vibratory unit (mm)	45	123	162	162	203
Weight of linear feeder (kg)	2.8	8	22.3	35	33
Max. weight of vibratory units, linear rail and fastening components (kg)	1	3.5	8	10	20
Max. weight of all parts lying on the rail (kg)	0.5	3	5	7	10
Current input (mA)	70	200	1250	1250	2200
Vibrating frequency (Hz)	100	100	50	50	50
Connecting cable length (m)	1.5	1.5	1.5	1.5	1.5

The design difference between rail length and vibratory unit length should observe following ratio:  
1/3rd at entry end and 2/3rds at exit end

# Linear feeder series GL

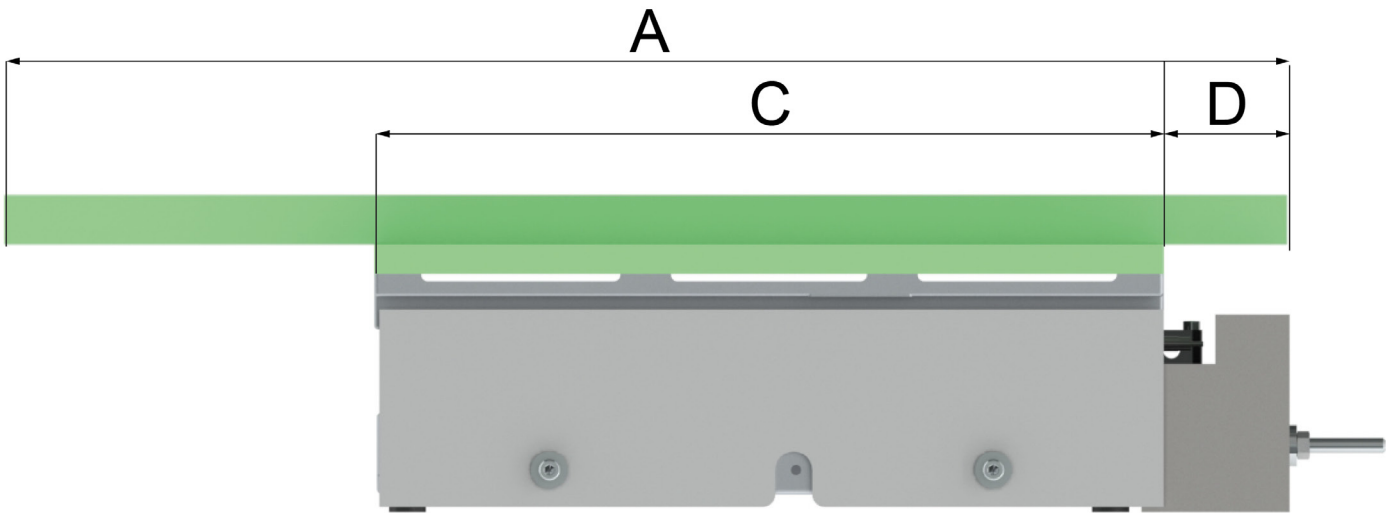


### Infos

- In their standard version, GL1 and GL01-size linear feeders are outfitted with 200V / 50Hz magnets.
- Also available with : 200V / 60 Hz, 110V / 60 Hz
- Protection rating IP 54
- CE and CSA/UL

### Description

RNA's linear feeders of the GL family are outfitted with horizontally mounted springs. Their feeding behaviour resembles more a sliding than the skipping that is typical for linear feeders. This characteristic offers big advantages, especially for realizing interface transitions with small parts, as the small relative movements between upstream and downstream equipment cause no problems.



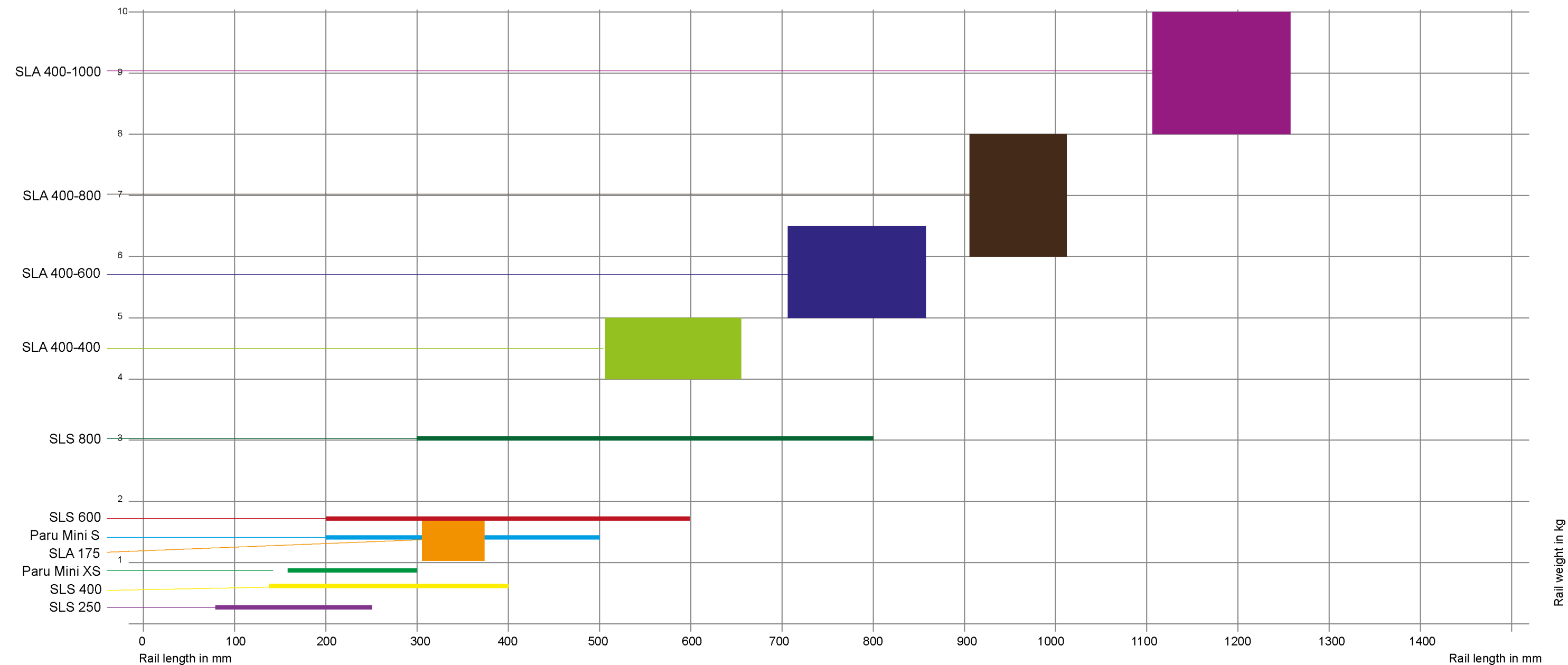
Type	GL 01	GL 1
Dimensions LxWxH (mm)	245x78x100	410x117x100
A = maximum rail length (mm)	400	600
C = length of vibratory unit (mm)	170	320
D = max. rail overhang (entry end) (mm)	70	90
E = width of vibratory unit (s / b) (mm)	58	105
Weight of linear feeder (kg)	3.8	8.5
Max. weight of vibratory units, linear rail and fastening components (kg)	2.5	4.5
Max. weight of all parts lying on the rail (kg)	0.5	1
Current input (mA)	550	870
Vibrating frequency (Hz)	100	100
Connecting cable length (m)	1.4	1.4



# Selection matrix for two-mass linear feeders with- out rubber-metal isolators

The following pages show linear feeders for installation without vibration isolators.  
The linear feeder types mentioned below are bolted down on the equipment. This facilitates the passage to downstream part handling equipment. The vibrations generated are absorbed by the unit, so that only very few of them are transferred into the substructures.

These units can be tuned with the computer-based simulation program called "Digital Motion". For control, we recommend the use of variable frequency controllers.  
At this time, there are only isolator-less linear feeders that work in full-wave mode and with a vibrating frequency around 100/120 Hz.



# Linear feeder series SLA

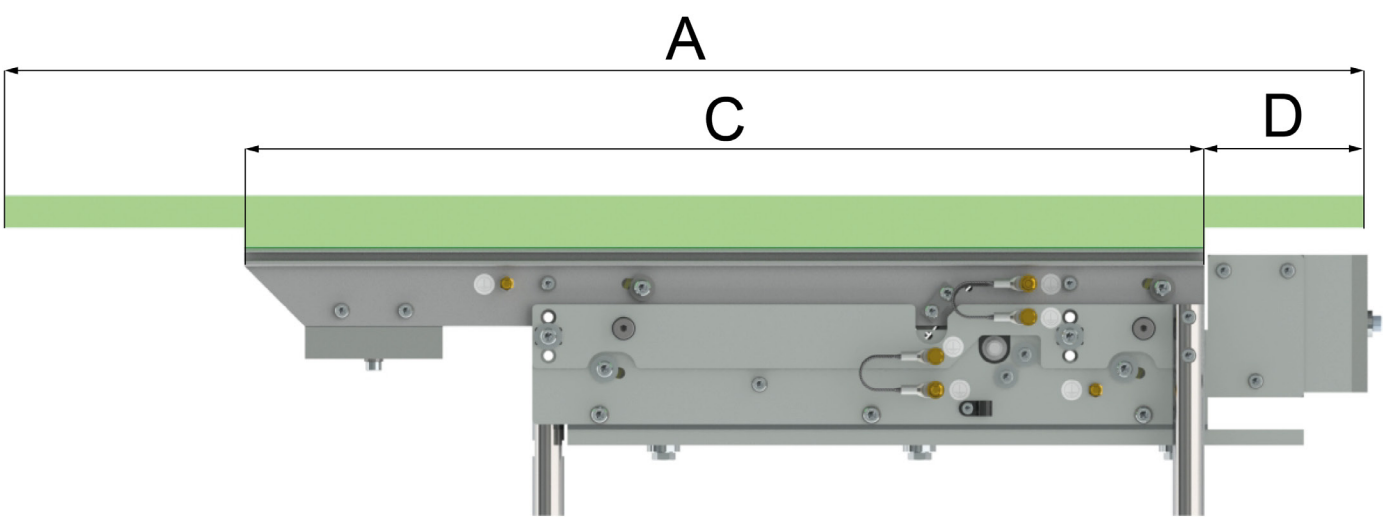


Infos

- **These linear feeders are rated and dimensioned for high rail weights and very different rail lengths.**
- **Rail lengths start at 375 mm and can go up to 1,250 mm.**
- **The weight of the rail should correspond to the specifications from the table.**
- **SLA linear feeders only come with 200V / 50 Hz magnets.**

Description

SLA-type linear feeders establish a precise and defined connection with vibratory feeders, linear feeders or escapements. The fixed-mounted linear feeder offers a uniform running behaviour regardless of the mass of the substructures. Also, it doesn't pick up any influences from the environment. Cross-vibrations are eliminated, providing for stable transitions with reliable guidance, especially for critical part geometries. The fixed-mounted base has no spring elements, adjusting holes allow for easy positioning against the feed rail.

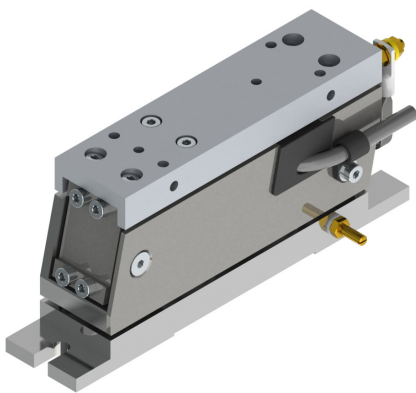


Typical application: SLA 400-400 with linear sorting device in combination with an STS nano step feeder



Type	SLA 175-250	SLA 400-400	SLA 400-600	SLA 400-800	SLA 400-1000
Dimensions LxWxH (mm)	305x70x97	511x102x168	711x102x168	911x102x168	1111x102x168
A = maximum rail length (mm)	375	650	850	1050	1250
C = length of vibratory unit (mm)	250	400	600	800	1000
D = max. rail overhang (entry end) (mm)	25	50	50	50	50
E = width of vibratory unit (s / b) (mm)	37 / 55	66 / 84	66 / 84	66 / 84	66 / 84
Weight of linear feeder (kg)	2.3	11	14	18.5	22.5
Max. weight of vibratory units, linear rail and fastening components (kg)	1.0 - 1.7	4 - 5	5 - 6.5	6 - 8	8 - 10
Max. weight of all parts lying on the rail (kg)	0.5	1	1	1	1
Current input (mA)	70	600	600	600	600
Vibrating frequency (Hz)	100	100	100	100	100
Connecting cable length (m)	1.5	1.5	1.5	1.5	1.5

# Linear feeder series PARU Mini



### Infos

- In their standard version, linear feeders of the PARU Mini type are equipped with 230V / 50Hz magnets.
- Also available with : 110V 60Hz
- Protection rating IP 54
- CE and CSA/UL

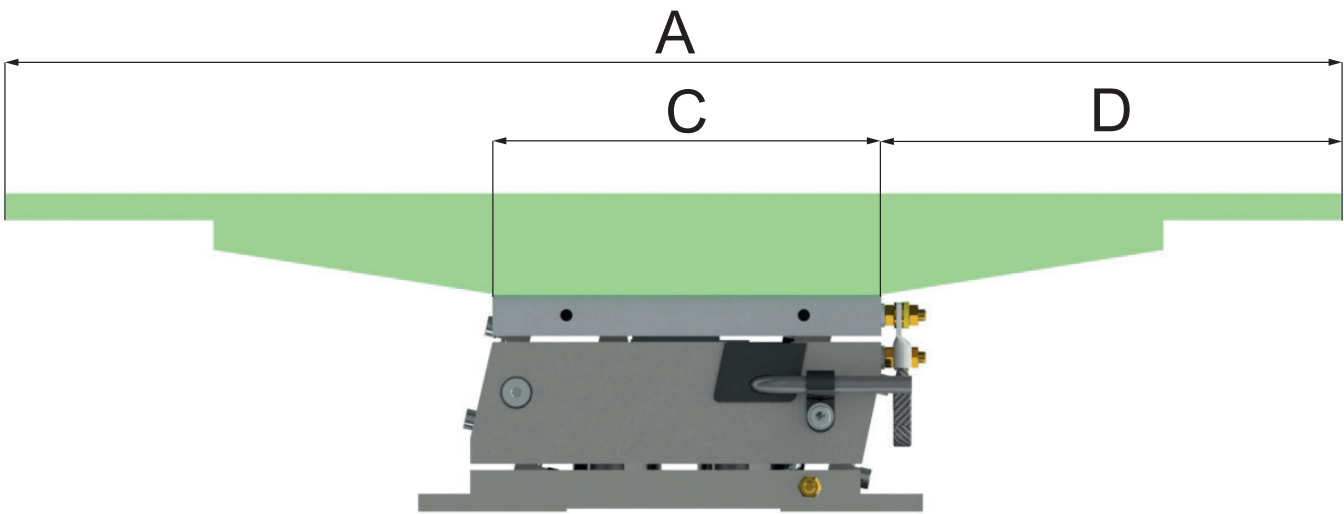
### Description

Linear feeders of the PARU Mini family are available in two sizes: PARU Mini XS and PARU Mini S. They are great for parts with high-precision guides at the transition to the escape-ment or the vibratory feeder (bowl feeder). Due to the balancing principle, where the useful mass moves in the opposite direction of the exciter mass, the vibratory forces of this linear feeder are essentially cancelled out in the baseplate.

The PARU Mini series is fully digitized. Each conventional process step is handled with a few clicks in the digital world. Drives can be digitally tuned and simulated with the DigitalMotion software. This enables users to balance their linear drive, to adjust the natural frequency, determine the throw angle and adjust the spring leaves. It also enables them to tune the drive to their own feeding system before they even receive it.

Access to this cloud-based service is via web browser, with the simulation taking place in real time. Vibrating forces occurring in the drive unit are compensated to prevent transferring vibrations into the substructure. Also, this prevents mutual interference between multiple combined units. There must absolutely be no interference with other units and processes. Even in their immediate vicinity, highest precision must be guaranteed at the interfaces. Transitions must not be misaligned during maintenance work, therefore they should be fixed in position with an adjustable locating device.

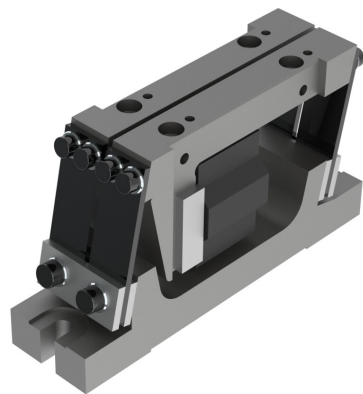
Typical application: PARU-Mini XS with orienting device



Type	PARU Mini XS	PARU Mini S
Dimensions LxWxH (mm)	170x55x73	200x60x80
A = maximum rail length (mm)	300	500
C = length of vibratory unit (mm)	131	154
D = max. rail overhang (entry end) (mm)	50	50
E = width of vibratory unit (s / b) (mm)	36	42
Weight of linear feeder (kg)	1.8	3
Max. weight of vibratory units, linear rail and fastening components (kg)	0.9	1.4
Max. weight of all parts lying on the rail (kg)	0.2	0.3
Current input (mA)	70	80
Vibrating frequency (Hz)	100	100
Connecting cable length (m)	1.5	1.5



# Linear feeder series SLS



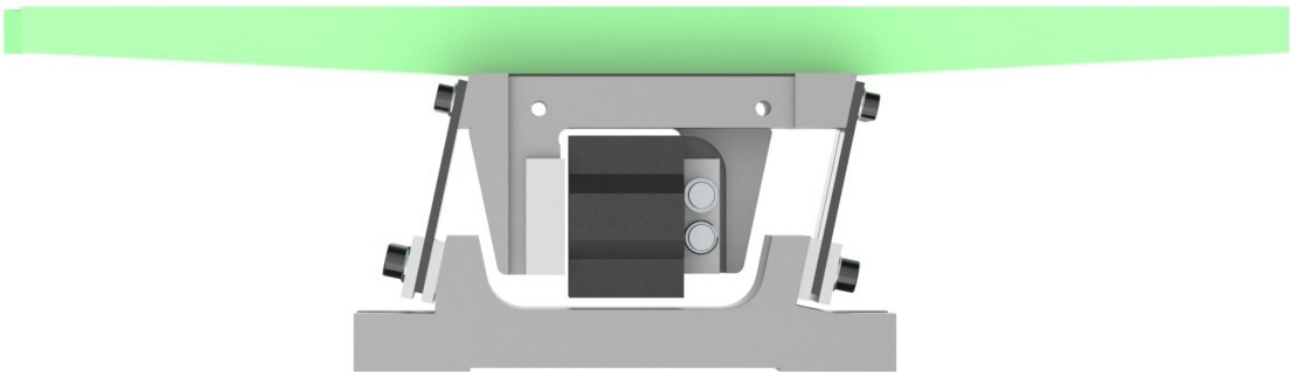
### Infos

- In their standard version, linear feeders of the SLS type are outfitted with 230V / 50Hz magnets.
- Also available with : 115V 60Hz
- Protection rating IP 54
- CE and CSA/UL

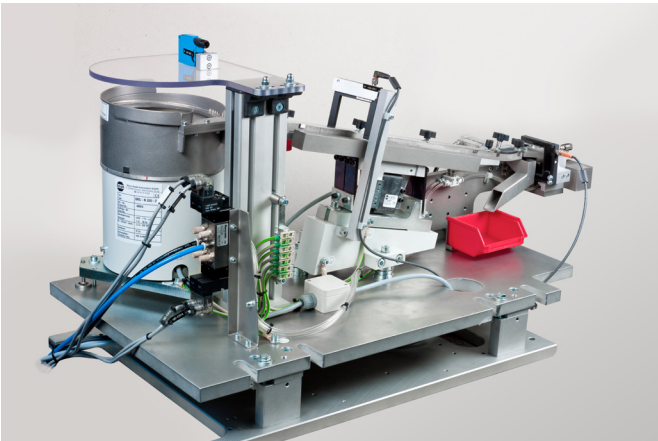
### Description

These linear feeders are great for handling parts that require with high-precision guides at the transition from the singulation station to the outlet of the feeder bowl. Due to the balancing principle, the vibratory forces of this linear feeder are essentially cancelled out in the baseplate.

Due to the compensation of the vibrating forces in the drive unit, no vibrations are transferred to the substructure. Mutual interference between multiple combined unit, as will as interferences with other units and processes, even in the immediate vicinity, are avoided Highest precision at the interfaces is ensured. Transitions must not be misaligned during maintenance work, therefore they should be fixed in position with an adjustable locating device.



Typical application: Feeding system with SLS 250 for pins



Type	SLS 250	SLS 400	SLS 600	SLS 800
Dimensions LxWxH (mm)	90x36x49	140x36x79.7	200x50x111.7	300x60x139.7
Maximum rail length (mm)	250	400	600	800
Width of vibratory unit (mm)	17	17	24	29
Weight of linear feeder (kg)	0.7	1	2	7
Max. weight of vibratory units, linear rail and fastening components (kg)	0.3	0.65	1.8	3.0
Max. weight of all parts lying on the rail (kg)	1.2	1.9	4.6	12
Current input (mA)	45	70	115	275
Vibrating frequency (Hz)	100	100	100	100

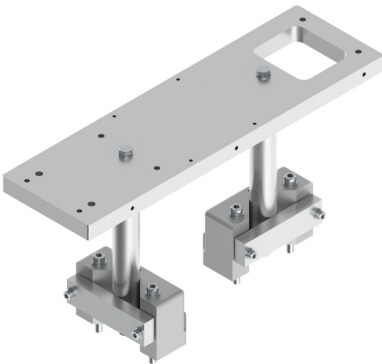
When placing an order, please specify the type of linear feeder used.

# Accessories for linear feeders of the SLL series

## Substructure ULJ-2 for SLL 400-Set

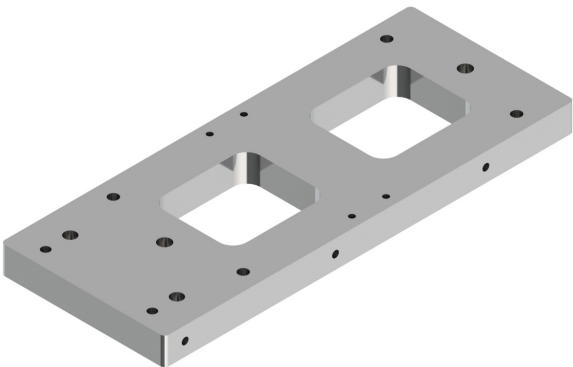
Comprising:

- Mounting plate for SLL 400-400, SLL 400-600, SLL 400-800, SLL 400-1000
- Width extender plates for SLL 400
- 2 x stand columns
- 2 x RNA mounting feet
- also available for SLL 800/804



## Mounting plate ULJ-2 for SLL 400-Set

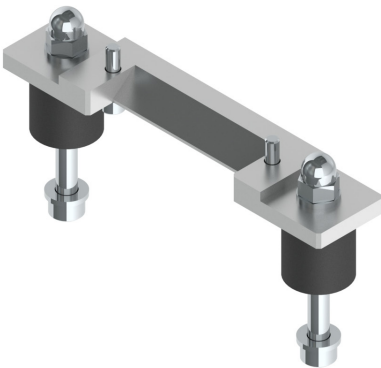
- for sizes SLL 400-400, SLL 400-600, SLL 400-800, SLL 400-1000
- also available for SLL 800/804



## Width extender UTL-3 for SLL 400

Comprising:

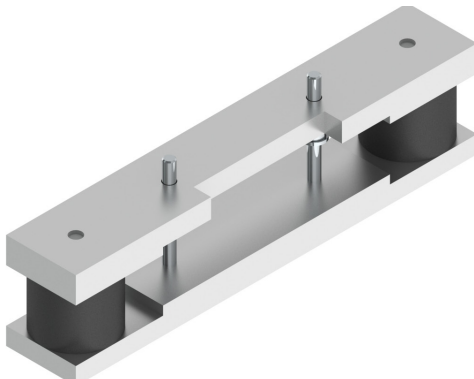
- 2 x fixing plates
- 4 x rubber-metal isolators



## Width extender for SLL 800 + 804

Comprising:

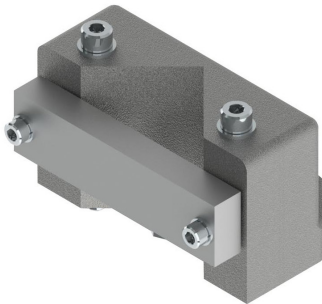
- 2 x fixing plates
- 4 x rubber-metal isolators



## Stand foot ULJ-2

Comprising:

- 1 x cast aluminium foot
- 1 x clamping column



## Lateral vibration limiters SLJ for SLL

Comprising:

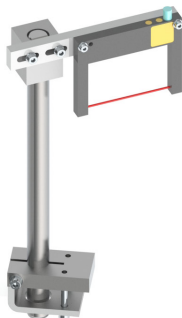
- 3 x aluminium brackets, anodized
- 3 x pins, POM / S-black



## Mount for EGF photoelectric cells, for mounting on ULJ stands

Comprising:

- 1 x holder for EGF sensor
- 1 x headpiece
- 1 x column
- 1 x mounting plate



## Shipping braces for SRC-N and SLL drives



## Light barrier

