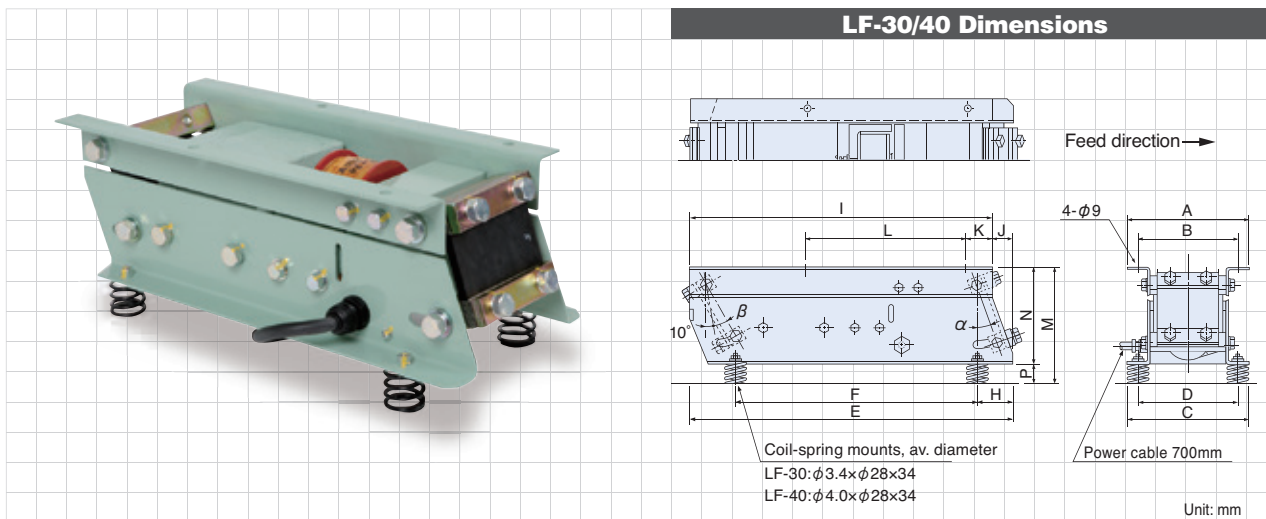


LF Series – Coil-Spring Vibro-Isolating Type

Swift, stable conveyance of high volumes of large workpieces

Large-capacity electromagnetic drive unit has strong coil springs positioned at front and rear, and drive controlled by amplitude angle adjustment, to give speedy, steady, straight-line delivery of large-sized workpieces. The low-floored half-wave drive provides uniform amplitude and vibration frequency to eliminate irregularities during high-volume conveyance of large workpieces.



Features

- **Large size feeder provides smooth workpiece delivery**

Large, vibro-isolating feeder that keeps the flow of workpieces smooth through adjustment of leaf-spring angle.

- **Fast, stable delivery of high volumes of large workpieces**

Extremely high conveyance efficiency allows high-volume delivery of large workpieces.

- **Dial control for free adjustment of conveyance speed**

By changing the vibration frequency and amplitude with the dial control, delivery speed can be freely adjusted.

Specifications

Model	Leaf-spring adjustment angle		Rated voltage (V)	Rated current (A)	Vibration frequency (Hz)	Weight (kg)	Cross section area of power cable (mm ²)	Standard compatible controller
	α	β						
LF-30	0°~20°	10°~30°	200/220	1.5	50~90 (*50/60)	25	1.25 x 3 core	C10-3VF/3VFEF C4-5B
LF-40	0°~20°	10°~30°	200/220	1.6	50~90 (*50/60)	33		

*When C4-5B was used.

Dimensions Chart

Model	A	B	C	D	E	F	H	I	J	K	L	M	N	P
LF-30	182.4	156.4	180.4	150.4	410	295	55	380	30	40	190	162	132	30
LF-40	196.4	166.4	186.4	154.4	500	375	55	470	30	40	250	177	147	30

Unit: mm

Chute Specifications

Applicable linear feeder	Max. length	Max. width	Max. weight (kg)
LF-30	650	120	3.5
LF-40	750	150	5.5

Unit: mm

Note: Chute must straddle drive unit to distribute weight.