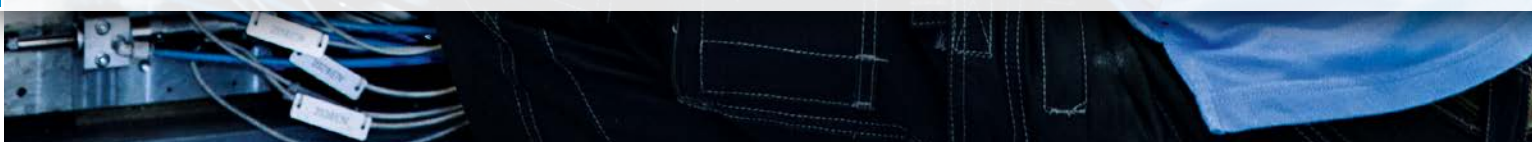


Feedtec

Feeder technology and systems

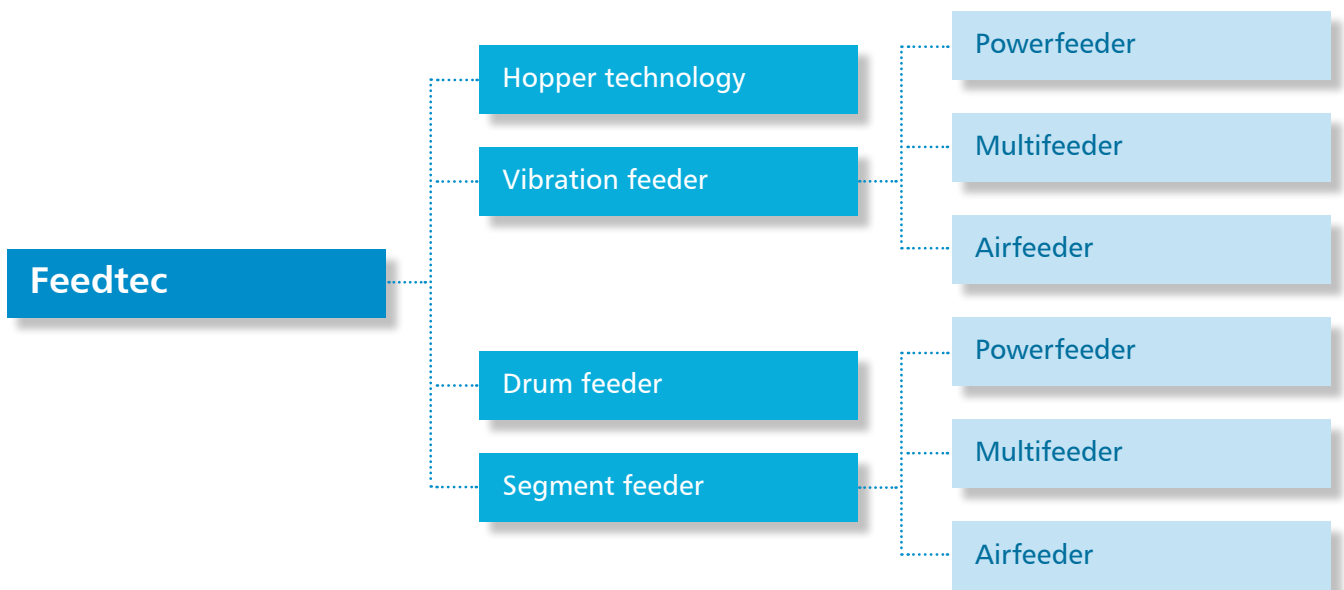
- + compact construction
- + absolutely reliable
- + top sorting performance
- + low wear
- + low maintenance
- + modular

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General Information about Feedtec

Feedtec covers all the feeder technologies and systems in ARNOLD's portfolio of services. These can be categorised into four groups. The first of these is hopper technology, vibration feeders and of course drum feeders as well as segment feeders.



Nut size	KP 5S	KP SH / 6	KP 8	KP 10S	KP 12
Fill quantity	approx. 1,500	approx. 1,500	approx. 1,500	approx. 1,000	approx. 1,000

Hopper technology

Applications for nut hoppers:

- ⊕ for short-series production requiring between 30,000 - 50,000 nuts each year.

Applications:

- ⊕ pressing plants, manual work stations and C-frame systems.
- ⊕ just one punching head can be fitted to a hopper.



Vibration feeder

Applications for vibration feeders:

- ⊕ for short-series production requiring between 40,000 - 100,000 nuts each year. C-frame and C-frame systems. Manual work stations.
- ⊕ presses where no disturbing vibrations occur at the point where the vibration feeder is installed. This point needs to be discussed with ARNOLD.
- ⊕ a punching head can be fitted on each track.

Drum feeder

Range of applications for drum feeders:

- ⊕ bulk production at pressing plants.
- ⊕ fully automated feed.
- ⊕ depending on version, can be deployed for up to 16 punching heads simultaneously.

Powerfeeder (PF)

Range of applications for PF drum feeder:

- ⊕ pressing tools with up to six punching heads, one feeder tube to each punching head
- ⊕ C-frame and C-frame systems.

The pusher units on the PF drum units can directly supply nuts to a single punching head per track. Feeders with up to six tracks are possible.

- ⊕ nuts supplied to one punching head per track.

Nut size	KP 5S	KP 5H / 6	KP 8	KP 10S	KP 12
Feed output in nuts / minute and number of tracks.					
1 track	approx. 50	approx. 50	approx. 50	approx. 40	approx. 40
2 track	approx. 25	approx. 25	approx. 25	approx. 20	approx. 20
3 track	approx. 15	approx. 15	approx. 15	approx. 12	approx. 12
4 track	approx. 10	approx. 10	approx. 10	approx. 8	approx. 8

- ⊕ total feed output up to 300 nuts per minute.
- ⊕ full process monitoring of feeder unit and tool components inside pressing tool.

Feed output in nuts / minute and number of tracks.						
	PF - 2	PF - 2	PF - 4	PF - 4	PF - 6	PF - 6
Tracks in operation	1	2	3	4	5	6
Nut size						
KP 5S	120	90	90	90	70	70
KP 5H / 6	120	90	90	90	70	70
KP 8	100	80	80	80	60	60
KP 10S	85	60	60	60	40	40
KP 10H / 12	75	50	50	50	35	35

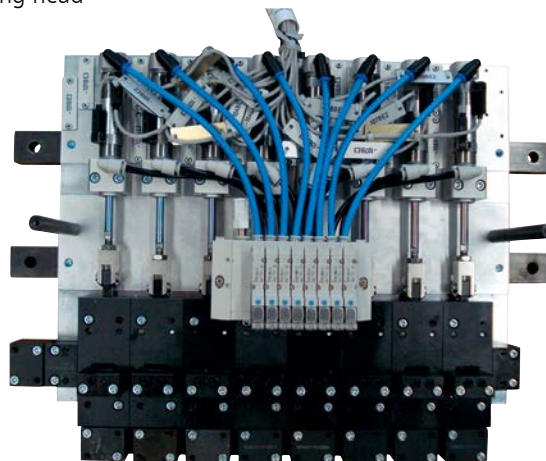
Multifeeder (MF)

Range of applications for MF drum feeder:

- ⊕ Pressing tools with up to two punching heads with no multi-distributor, each punching head being supplied with nuts via a feeder tube.
- ⊕ Pressing tools with up to 16 punching heads with nuts distributed to the individual punching heads inside the tool, with up to two 8x multi-distributors, each multi-distributor being supplied with nuts via a feeder tube.
- ⊕ The MF pusher units in the MF drum feeder can supply nuts directly to a single punching head or multi-distributor with up to eight tracks.

MF drum feeder output in nuts / minute

Tracks in operation	MF - 2	MF - 2
Nut size	1	2
KP 5S	150	150
KP 5H / 6	150	150
KP 8	150	150
KP 10S	120	120
KP 10H / 12	100	100



Feed output in nuts / minute and number of tracks on multi-distributors (MV)

	1	2	3	4	5	6	7	8
KP 5S	150	75	50	35	30	25	20	15
KP 5H / 6	150	75	50	35	30	25	20	15
KP 8	150	75	50	35	30	25	20	15
KP 10S	120	60	40	30	25	20	15	15
KP 10H / 12	100	50	35	25	20	15	10	10

Airfeeder (AF)

Range of applications for AF drum feeders:

- ⊕ Pressing tools with up to two punching heads with no multi-distributor, each punching head being supplied with nuts via a feeder tube, assisted by a support unit.
- ⊕ Pressing tools with up to 16 punching heads, combined with two multi-distributors with up to 8 outputs, each multi-distributor being supplied with nuts via a feeder tube, assisted by a support unit.

AF drum feeder output in nuts / minute

Tracks in operation	MF - 2	MF - 2
Nut size	1	2
KP 5S	150	150
KP 5H / 6	150	150
KP 8	150	150
KP 10S	120	120
KP 10H / 12	100	100

Segment feeder

Range of applications for segment feeders:

- ⊕ Pressing tools with up to six punching heads, each punching head being supplied with a screw via a feeder tube.
- ⊕ C-frame and C-frame systems.
- ⊕ Depending on the element in question, the sorter output capacity of a segment conveyor is approximately 40 elements per minute.

The ARNOLD GROUP

Wherever customers need us.

The ARNOLD GROUP

ARNOLD – this name is internationally renowned for efficient and sustainable fastening systems on the highest level. With a foundation of many years of expertise in the production of intelligent fastening systems and very complex extruded parts, the ARNOLD GROUP has developed over a number of years into a comprehensive supplier and development partner for complex fastening systems. With our positioning of “BlueFastening Systems” this development process will continue under a united and harmonized structure. Engineering, fasteners, and functional parts, together with feeding and processing systems, all from a single source – efficient, sustainable and international.



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