System:

LAT Flex

Price example

Version 07/2026 (industry standard)

	Pos.	Description	Unit price
Base system	1	**Base price per system for autonomous, manual loading and unloading:** This price includes the deflection heads and an SEW gearbox motor (50 Hz / 90 W) with a terminal board for integration into the customer-side electrical system. Also included are two electromechanical stoppers (magnetic stoppers) with M12 connector. The stoppers enable loading on one side and unloading on the other. By default, the first stopper is located directly after the deflection head at the beginning of the conveyor, and the second stopper is integrated into the deflection head at the end of the conveyor. Alternative stopper positions must be specified when placing the order. *This system does not have a usable system length at this position; it is a theoretical price.*	4000,00 €
	2	**Price per meter of usable system length:** The system length is calculated from the distance between the two deflection axes. The length is always rounded up to the nearest 500 mm. For example, a 3.2-meter system is calculated as a 3.5-meter system.	175,00 €
	3	**Price per support:** Consists of ALTRATEC profile system with adjustable feet and foundation mounting brackets. Standard height is 950 mm, with the top edge of the workpiece carrier adjustable within a range of +/- 30 mm. Approximately one support is needed every 4 meters, but a minimum of 2 supports per system is required.	150,00 €
	4	**Connection plate for long systems:** For usable system lengths over 6.6 m, the base profiles must be extended with 2 connection plates. Subsequently, additional connection plates are required for every 6 meters of system length.	32,00 €
Workpiece carrier	5	**Price per workpiece carrier:** The base price applies to the drive element of the workpiece carrier combinations. It has a length of 50 mm and must be supplemented by at least one end piece (30 mm) or end link. This results in a minimum length of 80 mm. The width is approx. 40 mm. Each WC is equipped with four load rollers, the specified load capacity per WC element is max. 50N. The workpiece carrier has a hole for an insert with an M4 thread and four centering holes with a diameter of 2.5 mm. Fastening and centering holes enable the mounting of customer-specific component holders that must be matched to the workpiece. These holders are not included in the price.	55,00 €
	6	**Price per workpiece carrier end piece (80 mm):** The end piece is mounted at the rear of the workpiece carrier drive element and allows for the decoupling of the subsequent workpiece carrier. In the standard version, it is 30 mm long, so the complete workpiece carrier (drive + end piece) reaches a total length of 80 mm. (Optional: For conveyor speeds under 5 m/min, the total length can be reduced to 70 mm. This shorter version is available upon request.)	7,00 €
	7	**Price per workpiece carrier extension link (intermediate element, 50 mm):** Extension of the drive element by one or more extension links. Each intermediate element extends the workpiece carrier by 50 mm. This allows for total lengths such as 170 mm, 220 mm, and so on - up to over 1,000 mm. The extension link includes two holes for inserts with M4 threads and four centering holes with a diameter of 2.5 mm.	11,00 €
	8	**Price per workpiece carrier end link (70 mm):** This element must always be mounted as the last link of the complete workpiece carrier assembly, as it decouples the connecting rod of the subsequent workpiece carrier. It extends the workpiece carrier by 70 mm, resulting in a total length of 120 mm (drive element + end link). This part has holes for 2 inserts with M4 threads and 4 centering holes with a diameter of 2.5 mm.	14,00 €

	Pos.	Description	Unit price
Stopper	9	**Additional stop position in the conveyor line, top or bottom:** Consistis of an electromechanical stopper (magnetic stopper) with M12 connector, including mounting bracket. Positioning accuracy ± 3 mm. Stopper positions must be defined at the time of order.	410,00 €
	10	**Workpiece carrier presence detection at the stop:** Consists of an M8 sensor to detect the approaching workpiece carrier at the stop.	40,00 €
	11	**Stopper query:** Consists of an M12 sensor to detect the closed stopper position.	48,00 €
Indexing station	12	**Indexing station for machine unloading/loading per station:** Consists of 2 indexing cylinders that extend guided cone indexers. The positioning accuracy is ± 0.15 mm. The workpiece carriers must be equipped with the corresponding indexing plates. Each cylinder is equipped with 2 end position sensors. Use only in combination with a stop position.	1.560,00 €
	13	**Indexing plate for workpiece carrier:** This indexing plate has 2 hardened indexing bushings and is slightly recessed at the indexing station. Positioning accuracy ± 0.15 mm.	55,00 €
	14	**Indexing station "Inline version":** Consists of a pneumatic swivel cylinder that pushes the workpiece carrier, which is at the stop, forward enough so that the connecting rod is fully pressed in. This increases the positioning accuracy to ± 0.3 mm.	720,00 €
Variant 90°	15	**Support plates for drive with 90° variant:** If the system is to be operated in such a way that the forward flow and return flow are on the same level, the lateral forces must be absorbed by additional impellers. These impellers are identical to the 4 impellers in the drive. These impellers are mounted on a guide plate on which the component holders can be mounted.	85,00 €
Overhead conveyor variant	16	**Hook construction for workpiece carrier (suspended workpiece transport):** Consists of a spring-loaded hook and its attachment to the workpiece carrier. Components can be hung from this hook.	140,00 €
	17	**Overload protection for hook:** Stop elements are mounted on the spring of the hook, which come into contact with the support rail in case of overload, preventing system damage.	20,00 €
	18	**Support rail base price:** Consists of a support rail beneath the conveyor, which prevents overloading of the spring hook.	250,00 €
	19	**Support rail price per meter:** Corresponds to the calculation as for system length (Pos. 2).	55,00 €
Optional elements	20	**Additional options** Guide wheel for workpiece carrier to optimize lateral play TPU workpiece support for gentle transport of workpieces (e.g., bumpers) Pressure pieces for workpiece carriers to increase forward thrust in the deflection Mounting elements for customer-specific attachments (T-nuts, swing-in nuts, and profile accessories)	On request
	21	**Interface:** The system is mechanically pre-assembled and tested at ALTRATEC. Sensors are mounted in system holders. Part queries, RFID, as well as pneumatic and electrical installation on I/O field distributors or valve technology can be optionally offered. Packaging, transport, and external assembly can also be offered optionally.	On request

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