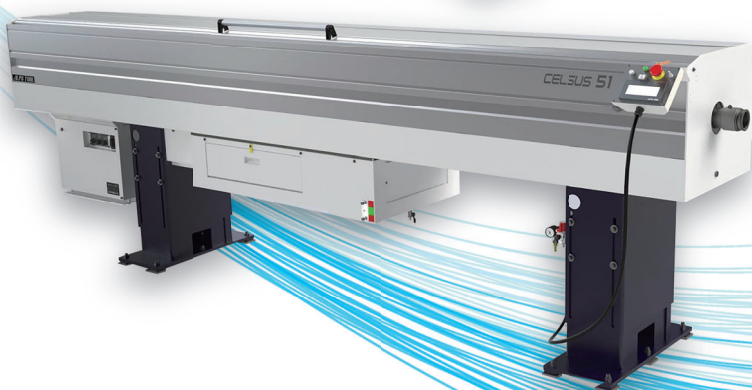


ALPS TOOL

PRODUCTS CATALOG



OIL TYPE MAGAZINE
BAR FEEDER



Short BAR FEEDER

Shaft work unloader



ASR X-04A ASR X-07A

Stable supply of ultra-small diameter materials using our original technology, ATC (Top Catching System). Synchronization device and servo motor enable the machine to follow the spindle and rotate to meet the requirements of various manufacturers. Capable of unmanned operation for a long time by stocking a large amount of material (500 pieces for 1mm diameter).

AZ12X

AZ12X is improved version of ASR X-12Z which was made for small diameter CNC automatic lathes. This type is newly designed and better in quality and efficiency.



ASR X-20Z II

ASR X-20Z II is cutting edge oil type bar feeder for small and medium diameter automatic lathe. This is improved version of ASR X-16Z and the upper cover can be opened and closed from both sides same as RX type. This type occupies 10% less floor than former model and realizes easier and stabler operation.

Bar Feeder	Bar Diameter		Bar Length
	Round(mm)	Hex(mm)	
ASR X-04A	φ 0.7 ~ 4	-	2.0 m 2.5 m 3.0 m
ASR X-07A	φ 1 ~ 7	-	2.0 m 2.5 m 3.0 m
AZ12X	φ 2 ~ 13	H 5 ~ 9	2.5 m 3.0 m
ASR X-20Z II	φ 4 ~ 20	H 5 ~ 14	2.5 m 3.0 m 4.0 m

 As a professional manufacturer of Bar Feeders we have provided high quality products that the market wants with experiences and tireless efforts of many years.



ASR X-32PN3

ASR X-45/51PN3

ASR X-32PN3 is the newest version of the ASRX-32PN2, which was developed for medium and large diameter CNC automatic lathes using our own innovative technology.

ASRX-32PN3 features a multi-hybrid support with improved oil fluid characteristics over conventional models.

ASRX-32PN3 is a high-performance oil feeder that emphasizes outstanding high-speed stability and safety, and is equipped with a tip and intermediate run-out stop device as standard.

CLXA 45

This is the latest type of oil feeder developed to minimize factory floor space while maintaining the performance of our high-performance oil feeders, which are packed with our proprietary technology. In addition, the machine has been designed from the operator's point of view in terms of equipment and software to make it "easier to handle. In consideration of the environment, the ECO feeder has a completely new structure, which has realized a drastic reduction in the amount of oil used without sacrificing vibration isolation performance.



ASR RX32Ev ASR RX45Ev ASR RX51Ev

ASR RX32Ev is the latest model for medium and large diameter CNC lathes. This model is designed to realize higher rotation performance and quieter factory environment based on our original technology. This type adopts multi-hybrid support that improves a fluid characteristic of oil and vibration control. Furthermore, a steady rest unit which realizes less noise and vibration is equipped on the top end as standard. This model is the high performance oil type bar feeder that achieves certain stability at high speed and safety.

ASR X-65Ev

ASR X-65Ev is an oil magazine bar feeder for medium and large diameter material. The new hydrodynamic support with further improved oil fluid characteristics and the highly rigid adjustable anti-sway device and intermediate support device located at the tip support the processing of medium and large diameter bar work. The top cover can be opened or closed from either side depending on the work environment.



Bar Feeder	Bar Diameter		Bar Length
	Round(mm)	Hex(mm)	
ASR X-32PN3	φ 8 ~ 34	H 10 ~ 24	2.5 m 3.0 m 4.0 m
ASR RX32Ev	φ 8 ~ 34	H 10 ~ 24	2.5 m 3.0 m 4.0 m
CLXA 45	φ 8 ~ 45	H 10 ~ 35	2.5 m 3.0 m 4.0 m
ASR X-45/51PN3	φ 8 ~ 51	H 10 ~ 38	2.5 m 3.0 m 4.0 m
ASR RX45Ev	φ 8 ~ 45	H 10 ~ 35	2.5 m 3.0 m 4.0 m
ASR RX51Ev	φ 8 ~ 51	H 10 ~ 38	2.5 m 3.0 m 4.0 m
ASR X-65Ev	φ 8 ~ 65	H 10 ~ 46	2.5 m 3.0 m 4.0 m

CELSUS 20 CELSUS 26

The CELSUS 20 is equipped with a unique quick-change mechanism, a portable handy operation panel, and other convenient, easy-to-use features as standard specifications, while reducing the amount of oil by 50% compared to our previous model. In addition, the machine has been designed with style in mind by reducing the occupied floor space and using an aluminum cover.



CELSUS 51

The CELSUS51 is a cutting-edge machine designed to significantly enhance vibration damping and noise abatement for materials. Its advanced engineering offers improved operability, a 50% reduction in oil consumption for 3.0-meter models compared to previous models, and a more compact footprint, making it a highly efficient and environmentally friendly solution.

Bar Feeder	Bar Diameter		Bar Length		
	Round(mm)	Hex(mm)			
CELSUS 20	φ 4 ~ 20	H 5 ~ 16	2.5 m	3.0 m	4.0 m
CELSUS 26	φ 4 ~ 26	H 5 ~ 19	2.5 m	3.0 m	4.0 m
CELSUS 51	φ 8 ~ 51	H 5 ~ 38	2.5 m	3.0 m	4.0 m



Short BAR FEEDERS

ALPS TOOL



ASQ-51II

ASQ-51 II is the bar feeder for short materials only. This is improved version of ASQ-51 and has been improved in basic performance, user-interface, and durability of the body. This will surely contribute to cost reduction by using remnants and to the stable operating using oil-pan system and compatibility with IP54 under the severe environment.

ASQ-E80

ASQ-E80 is the air less type bar feeder for multi kind small/ medium volume production equipped with automatic programming system. This is the one to meet needs for demonstrating 100% of high performance and high accuracy of NC lathes and unmanned continuous machining that produce completed products directly from bar materials.



Bar Feeder	Bar Diameter	
	Round(mm)	Hex(mm)
ASQ-51 II	φ 5 ~ 51	H 5 ~ 44
ASQ-E80	φ 8 ~ 80	H 10 ~ 68

Shaft work unloader

ALPS TOOL



SWP-RB65

The machine discharges machined shaft workpieces from the rear of the secondary spindle of the opposed twin spindle CNC lathe. The specially designed unit can discharge even long products (max. 1500 mm) that cannot be dropped into the lathe machine. The material feeder can be combined with a general-purpose bar feeder to enable unmanned operation for long periods of time, greatly improving production efficiency.

Bar Feeder	Bar Diameter		Bar Length
	Round(mm)	Hex(mm)	
SWP-RB65	φ 10 ~ 65	-	1.5 m



We will pursue quality, preformance, functionality and availability to meet the growth of global market and its needs.

We are working on development of automatic labor-saving equipment to meet the demands of times: the manufacturing with low environmental load, high precision, and high efficiency.

Our bar feeders adopt the unique technologies like noise prevention and steady rest mechanism (we hold a lot of patents in and outside the country.) to realize high-revolution of the bar material, energy-saving, noise prevention, and all of them contribute to high efficient production.

In bar feeder section, we have been developed equipment that help meeting customers' needs; measurement system that allows high precision machining, bar stocker which make production more efficiently, and so on.

We invented the first automatic bar feeder for multi spindle lathe in Japan and next generation airless bar feeders based on environmental-friendly mind, and we are going to keep developing new products that are demanded in global market.

That's the way!



<https://atc.sub.jp/en/>

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