



Quality Creates Future



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### **ABOUT US**

YANTAI FAST has been in the hydraulic marketplace for over 43 year since 1973. We specialize in the design, manufacture and distribution of hydraulic cylinders, hydraulic power units for various industries, such as auto repair, special vehicles, agricultural machineries and garbage treatment.

As the technology leader, we have 69 engineers out of the total 400 employees. All the drawings come from the best software of SolidWorks. Moreover, our patent number has reached to 54 including 9 invention, 41 utility and 4 design patents.

We are dedicated to improving quality, delivery and management year by year. At the present moment, our quality PPM is 3000 and now we are challenging PPM 1000.

YANTAI FAST is a good partner not only because our products can meet your needs but also because we would like to grow up with you.

#### YESTERDAY





#### TODAY









## MILESTONES

1973, Yantai Pneumatic Works

1975, XZB semi-automatic pneumatic casting production line

1982, QBI packing machine

1983, Light aluminium pneumatic cylinder

1984, Bao Steel supplier

1985, lifetime project for pneumatic cylinder

1986, QGAI QGAII pneumatic cylinder

1986, Provincial enterprise

1987, National enterprise

1988, KQG magnetic pneumatic cylinder

1990, QGK pneumatic rotary actuator

1992, 915 series pneumatic cylinder

1993, Hydraulic cylinder manufacturer

1995, F25 series group valves

1997, K series group valve

2000, ZG vibrate cylinder

2000, ISO9001 by DNV

2001, Yantai Future Automatic Equipments Co., Ltd.

2003, Provincial calibration enterprise

2005, Import & Export certificate

2006, Hydraulic cylinder for garbage trucks

2008, Automatic reciprocate pneumatic cylinder

2008, Blade swing hydraulic cylinder

2009, Invention patent for automatic reciprocate pneumatic cylinder

2010, Provincial high-tech enterprise

2010, Invention patent for electric pull-push tool

2011, YYFH hydraulic cylinder for garbage trucks

2011, Famous brand of Shandong Province

2012, Famous-brand hydraulic cylinder product

2013, City level Engineering research center

2013, National hydraulic & pneumatic prize

2014, Provincial Engineering research center

2014, ISO/TS16949 certificate

2015, Invention patent of pneumatic striking cylinder

2015, Invention patent of hydraulic lifting machine

2015, Invention patent of sequence control multistage ram cylinder

2015, FSL hydraulic control system for waste incineration



#### TS16949 SINCE 2014



### MASTER HYDRAULIC CYLINDER FOR MID-RISE SCISSOR LIFT



Part No.	150702ф80/38Х530	
Bore	80 mm	
Rod	38 mm	
Stroke	530 mm	
Retracted length	804 mm	

- Single-acting pushing cylinder, its rodless cavity volume matches together with the volume of rod cavity of master cylinder.
- High reliability with imported Parker/Hallite/Aston seals.
- Double seals to avoid internal leakage.
- The silencer installed in air venting hole can effectively prevent impurities getting into cylinder.
- Threaded rod connector for easily installation.







Part No.	150702ф70/38X530	
Bore	70 mm	
Rod	38 mm	
Stroke	530 mm	
Retracted length	804 mm	

- Single-acting pushing cylinder, its rodless cavity volume matches together with the volume of rod cavity of master cylinder.
- High reliability with imported Parker/Hallite/Aston seals.
- Double seals to avoid internal leakage.
- The silencer installed in air venting hole can effectively prevent impurities getting into cylinder.
- Threaded rod connector for easily installation.



### HYDRAULIC CYLINDER FOR SHORT PLATFORM SCISSOR LIFT



Part No.	5080000230	
Bore	80 mm	
Rod	40 mm	
Stroke	573 mm	
Retracted length	748.5 mm	

- Single acting pushing cylinder.
- Simple structure with reliable performance.
- Chromed internal tube surface, which can protect cylinder tube from rust and prolong cylinder service life.
- Hollow piston rod and air venting device on rod connector are adopted for easy air venting.
- Adopt environment-friendly bleeder screw which is normally used on automobile brake system.
- High safety with internal anti-explosion valve.





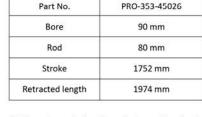
Part No.	3036805700
Bore	80 mm
Rod	40 mm
Stroke	301.5 mm
Retracted length	467.5 mm

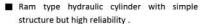
- Single-acting pushing cylinder .
- High reliability with simple structure and imported Pare/Hallite/Aston seals.
- Chromed internal tube surface, which can protect cylinder tube from rust and prolong cylinder service life.
- Hollow piston rod and air venting device on rod connector are adopted for easy air venting.
- Adopt environment-friendly bleeder screw which is normally used on automobile brake system.



### HYDRAULIC CYLINDER FOR MOBILE COLUMN LIFT







- Adopt cast iron as supporting means, which with low friction so as to avoid cylinder sticking.
- Closed-type ram structure can avoid pollution caused by dust entering the oil, also enables cylinder to work in severe environment.





Part No.	LYJ1840-400008	
Bore	63 mm	
Rod	40 mm	
Stroke	940 mm	
Retracted length	1230 mm	



- Single acting pushing cylinder.
- Simple structure but high reliability.
- Double seals to avoid internal leakage .
- The silencer installed in air venting hole can effectively prevent impurities getting into cylinder.



### SLAVE HYDRAULIC CYLINDER FOR TWO POST BASEPLATE CAR LIFT



Part No.	LYJ1840-400011	
Bore	63 mm	
Rod	40 mm	
Stroke	940 mm	
Retracted length	1230 mm	

- Single acting pushing cylinder.
- Simple structure but high reliability.
- Double seals to avoid internal leakage .
- The silencer installed in air venting hole can effectively prevent impurities getting into cylinder.





Part No.	CL16138R-G
Bore	50 mm
Rod	45 mm
Stroke	1727 mm
Retracted length	85.7 mm

- Ram type cylinder with simple structure but high reliability.
- Adopt cast iron as supporting means, which with low friction so as to avoid cylinder sticking.
- Closed-type ram structure can avoid pollution caused by dust entering the oil, also enables cylinder to work in severe environment.
- The throttling device installed inside not only enables car lifts to rise quickly and fall slowly, but also saves cost compared with installing throttling valves outside.



# HYDRAULIC CYLINDER FOR TWO POST PARKING LIFT





Part No.	3030176370
Bore	50/35 mm
Rod	45/32 mm
Stroke	1878 mm
Retracted length	1115 mm

- Two-stage ram cylinder.
- Save installation space with compact structure.
- High reliability with imported Parker/Hallite/Aston seals.
- High safety with internal anti-explosion valve.

# HYDRAULIC CYLINDER FOR FOUR POST CAR LIFT (5 TONS)



Part No.	5T-6435B-A3-B19	
Bore	80 mm	
Rod	30 mm	
Stroke	1750 mm	
Retracted length	2040 mm	



- Single acting pulling cylinder.
- Simple structure but high reliability.
- Double seals to avoid internal leakage .



### HYDRAULIC CYLINDER FOR FOUR POST CAR LIFT (7 TONS)



Part No.	5130243
Bore	90 mm
Rod	35 mm
Stroke	1803 mm
Retracted length	2167 mm

- Single acting pulling cylinder.
- Simple structure but high reliability.
- Adopt felt strip to protect the rodless cavity from dust.
- The throttling device installed inside not only enables car lifts to rise quickly and fall slowly, but also saves cost compare with installing throttling valves outside.
- Seal air venting hole after instilling VCI (volatile rust preventive oil) to protect internal parts from rust, which is quite appropriate for long-distance transportation and long installation period.







Part No. Part Name	F3500A-YD-XYG			
Flange	OD	Length	Rem	arks
tube	140 mm	2180 mm	Chrome	d surface
Ram	Bore	Rod	Stroke	Retracted length
cylinder	50 mm	45 mm	1850 mm	2244 mm

- For inground lifts.
- Chromed tube surface with thickness 0.03-0.05 mm which is qualified after 72h neutral salt spray test.
- The throttling device installed inside of the internal cylinder not only enables car lifts to rise quickly and fall slowly, but also saves cost compared with installing throttling valves outside.



# PRODUCTION FLOW



































