

FAST[®]
法斯特

品质创造未来

Quality Creates Future



HYDRAULIC CYLINDER
FOR CAR LIFT

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YANTAI FUTURE AUTOMATIC EQUIPMENTS CO.,LTD.

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- QGAll 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

ISO 9001 SINCE 2000



TS16949 SINCE 2014



MASTER HYDRAULIC CYLINDER FOR MID-RISE SCISSOR LIFT



Part No.	150702φ80/38X530
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.



SLAVE HYDRAULIC CYLINDER FOR MID-RISE SCISSOR LIFT



Part No.	150702φ70/38X530
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.



HYDRAULIC CYLINDER FOR HEAVY DUTY SCISSOR LIFT



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



Part No.	PRO-353-45026
Bore	90 mm
Rod	80 mm
Stroke	1752 mm
Retracted length	1974 mm

- Ram type hydraulic 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 .



MASTER HYDRAULIC CYLINDER FOR TWO POST BASEPLATE CAR LIFT



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.



HYDRAULIC RAM FOR TWO POST LIFT



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.



GUIDE CYLINDER FOR INGROUND LIFT



Part No.	F3500A-YD-XYG			
Part Name				
Flange tube	OD	Length	Remarks	
	140 mm	2180 mm	Chromed surface	
Ram cylinder	Bore	Rod	Stroke	Retracted length
	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

MATERIAL PREPARING



MACHINING & CLEANING



ASSEMBLING & FINAL TESTING



PAINTING & PACKAGING

