



EAST AI
Machinery

Hydraulic Cylinder Product Brochure

EAST AI MACHINERY CO., LIMITED

*Manufacturer and exporter of Aluminum Pipe, Honed Tube,
Chrome Bar, Hydraulic Cylinder.*

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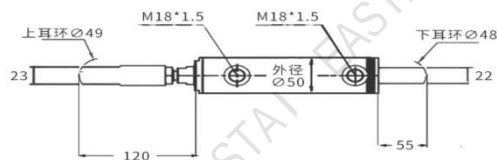
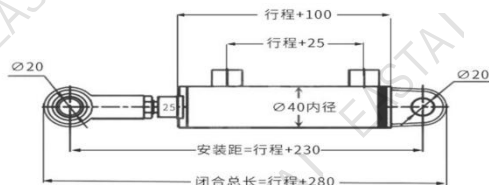
耳环式油缸 HARRINGS TYPE CYLINDER

2 吨 HSG40 系列液压油缸主要技术参数

HSG40 SERIES MAIN TECHNICAL PARAMETERS OF HYDRAULIC CYLINDER



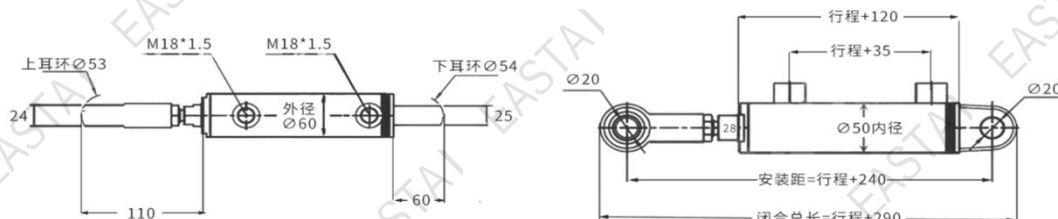
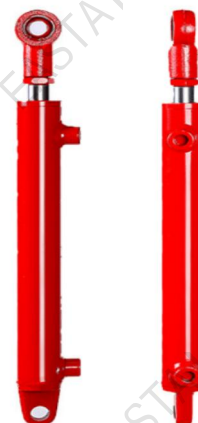
型号 Model	内径 ID	外径 OD	杆径 Rod diameter	行程 Stroke	压力 Pressure	油口 Oil port	销孔 Pin hole	安装距 Installation distance	总长 Total length
40*25*100	40	50	25	100	16Mpa	18*1.5	20	330	380
40*25*150	40	50	25	150	16Mpa	18*1.5	20	380	430
40*25*200	40	50	25	200	16Mpa	18*1.5	20	430	480
40*25*300	40	50	25	300	16Mpa	18*1.5	20	530	580
40*25*500	40	50	25	500	16Mpa	18*1.5	20	730	780
40*25*600	40	50	25	600	16Mpa	18*1.5	20	830	880
40*25*800	40	50	25	800	16Mpa	18*1.5	20	1030	1080



3 吨 HSG50 系列液压油缸主要技术参数

HSG50 SERIES MAIN TECHNICAL PARAMETERS OF HYDRAULIC CYLINDER

型号 Model	内径 ID	外径 OD	杆径 Rod diameter	行程 Stroke	压力 Pressure	油口 Oil port	销孔 Pin hole	安装距 Installation distance	总长 Total length h
50*28*100	50	60	28	100	16Mpa	18*1.5	20	340	380
50*28*150	50	60	28	150	16Mpa	18*1.5	20	390	430
50*28*200	50	60	28	200	16Mpa	18*1.5	20	440	480
50*28*300	50	60	28	300	16Mpa	18*1.5	20	540	580
50*28*500	50	60	28	500	16Mpa	18*1.5	20	740	780
50*28*800	50	60	28	800	16Mpa	18*1.5	20	1040	1080
50*28*1000	50	60	28	1000	16Mpa	18*1.5	20	1240	1280



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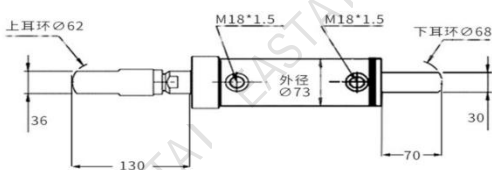
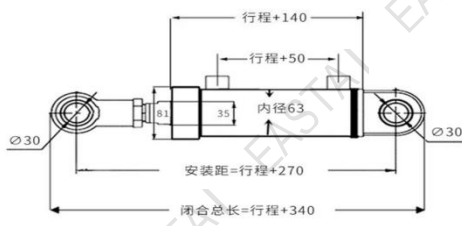
耳环式油缸 HARRINGS TYPE CYLINDER

5 吨 HSG63 系列液压油缸主要技术参数

HSG63 SERIES MAIN TECHNICAL PARAMETERS OF HYDRAULIC CYLINDER



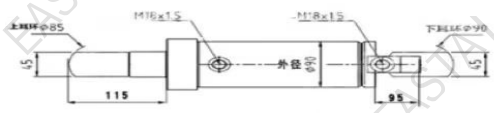
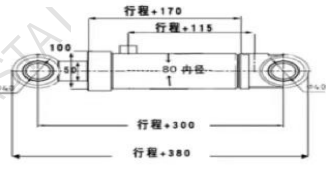
型号 Model	内径 ID	外径 OD	杆径 Rod diameter	行程 Storke	压力 Pressure	油口 Oil port	销孔 Pin hole	安装距 Installation distance	总长 Total length
63*35*100	63	73	35	100	16Mpa	18*1.5	20	370	430
63*35*150	63	73	35	150	16Mpa	18*1.5	20	420	480
63*35*200	63	73	35	200	16Mpa	18*1.5	20	470	530
63*35*300	63	73	35	300	16Mpa	18*1.5	20	570	630
63*35*500	63	73	35	500	16Mpa	18*1.5	20	770	830
63*35*600	63	73	35	600	16Mpa	18*1.5	20	870	930
63*35*800	63	73	35	800	16Mpa	18*1.5	20	1070	1130
63*35*1000	63	73	35	1000	16Mpa	18*1.5	20	1270	1330
63*35*1200	63	73	35	1000	16Mpa	18*1.5	20	1470	1530
63*35*1500	63	73	35	1000	16Mpa	18*1.5	20	1770	1830
63*35*1800	63	73	35	1000	16Mpa	18*1.5	20	2070	2130
63*35*2000	63	73	35	1000	16Mpa	18*1.5	20	2270	2330



8 吨 HSG80 系列液压油缸主要技术参数

HSG63 SERIES MAIN TECHNICAL PARAMETERS OF HYDRAULIC CYLINDER

型号 Model	内径 ID	外径 OD	杆径 Rod diameter	行程 Storke	压力 Pressure	油口 Oil port	销孔 Pin hole	安装距 Installation distance	总长 Total length
80*50*100	80	90	50	100	16Mpa	18*1.5	40	400	480
80*50*200	80	90	50	200	16Mpa	18*1.5	40	500	580
80*50*300	80	90	50	300	16Mpa	18*1.5	40	600	680
80*50*350	80	90	50	350	16Mpa	18*1.5	40	650	730
80*50*500	80	90	50	500	16Mpa	18*1.5	40	800	880
80*50*530	80	90	50	530	16Mpa	18*1.5	40	830	910
80*50*600	80	90	50	600	16Mpa	18*1.5	40	900	980
80*50*800	80	90	50	800	16Mpa	18*1.5	40	1100	1180
80*50*1000	80	90	50	1000	16Mpa	18*1.5	40	830	910
80*50*1500	80	90	50	1500	16Mpa	18*1.5	40	900	980
80*50*2000	80	90	50	2000	16Mpa	18*1.5	40	1100	1180



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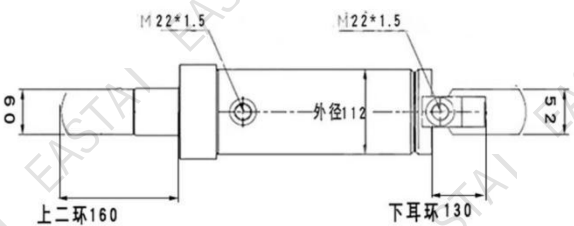
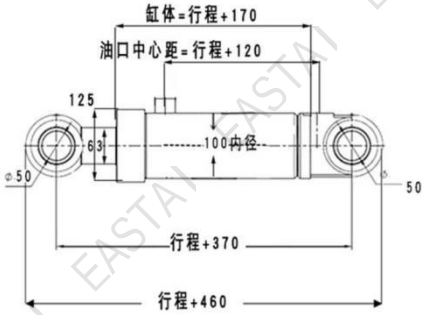
耳环式油缸 HARRINGS TYPE CYLINDER

◆ 12 吨 HSG100 系列液压油缸主要技术参数

HSG100 SERIES MAIN TECHNICAL PARAMETERS OF HYDRAULIC CYLINDER



型号 Model	内径 ID	外径 OD	杆径 Rod diameter	行程 Stroke	压力 Pressure	油口 Oil port	销孔 Pin hole	安装距 Installation distance	总长 Total length
100*63*100	100	112	63	100	16Mpa	22*1.5	50	470	560
100*63*200	100	112	63	200	16Mpa	22*1.5	50	570	660
100*63*300	100	112	63	300	16Mpa	22*1.5	50	670	760
100*63*350	100	112	63	350	16Mpa	22*1.5	50	720	810
100*63*500	100	112	63	500	16Mpa	22*1.5	50	870	960
100*63*800	100	112	63	800	16Mpa	22*1.5	50	1170	1260
100*63*1000	100	112	63	1000	16Mpa	22*1.5	50	1370	1460



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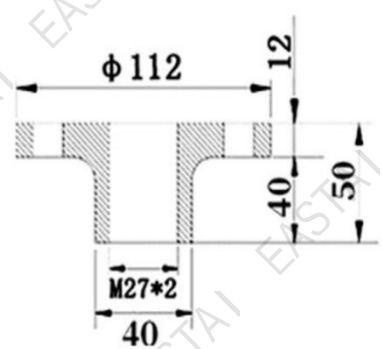
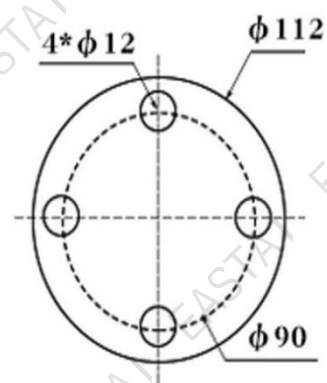
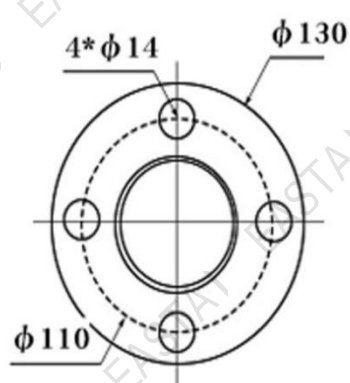
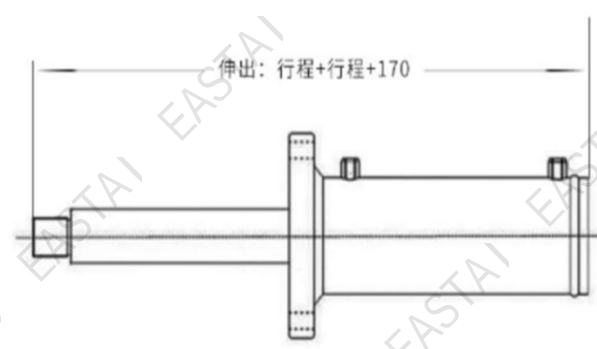
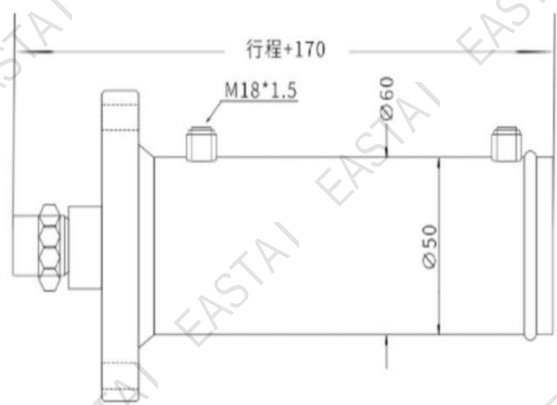
Manufacturer and exporter of Aluminum Pipe, Honed Tube, Chrome Bar, Hydraulic Cylinder.

法兰式油缸 FLANGETYPE CYLINDER

◆ 3 吨 HSG50 系列法兰液压油缸主要技术参数

HSG50 SERIES MAIN TECHNICAL PARAMETERS OF HYDRAULIC CYLINDER

型号 Model	内径 ID	外径 OD	杆径 Rod diameter	行程 Stroke	压力 Pressure	油口 Oil port	缸体长度 Cylinder block length	常态总长 Long overall length	伸出长度 Extension length
50*28*200	50	60	28	200	16Mpa	18*1.5	310	370	570
50*28*300	50	60	28	300	16Mpa	18*1.5	410	470	770
50*28*400	50	60	28	400	16Mpa	18*1.5	510	570	970
50*28*500	50	60	28	500	16Mpa	18*1.5	610	670	1170
50*28*600	50	60	28	600	16Mpa	18*1.5	710	710	1370
50*28*800	50	60	28	800	16Mpa	18*1.5	910	970	1770
50*28*1000	50	60	28	1000	16Mpa	18*1.5	1110	1170	2170



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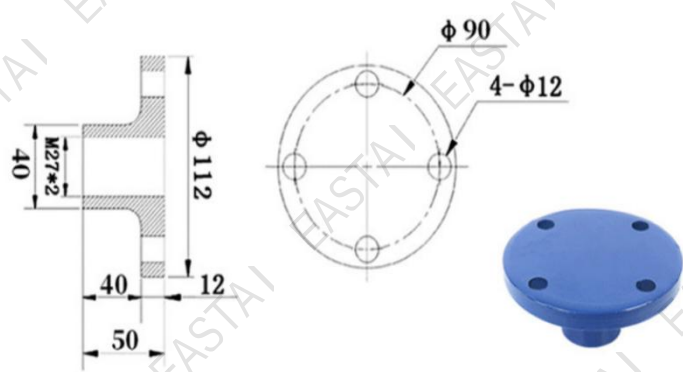
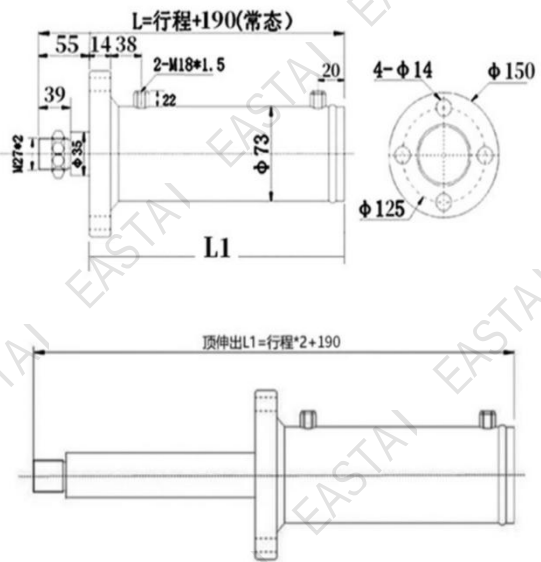
法兰式油缸 FLANGETYPE CYLINDER

5 吨 HSG63 系列法兰液压油缸主要技术参数

HSG63 SERIES MAIN TECHNICAL PARAMETERS OF HYDRAULIC CYLINDER



型号 Model	内径 ID	外径 OD	杆径 Rod diameter	行程 Stroke	压力 Pressure	油口 Oil port	缸体长度 Cylinder block length	常态总长 Long overall length	伸出长度 Extension length
63*35*100	63	73	35	100	16Mpa	18*1.5	230	290	390
63*35*150	63	73	35	150	16Mpa	18*1.5	280	340	490
63*35*200	63	73	35	200	16Mpa	18*1.5	330	390	590
63*35*250	63	73	35	250	16Mpa	18*1.5	380	440	690
63*35*300	63	73	35	300	16Mpa	18*1.5	430	490	790
63*35*350	63	73	35	350	16Mpa	18*1.5	480	540	890
63*35*400	63	73	35	400	16Mpa	18*1.5	530	590	990
63*35*500	63	73	35	500	16Mpa	18*1.5	630	690	1190
63*35*600	63	73	35	600	16Mpa	18*1.5	730	790	1390
63*35*800	63	73	35	800	16Mpa	18*1.5	930	990	1790
63*35*1000	63	73	35	1000	16Mpa	18*1.5	1130	1190	2190



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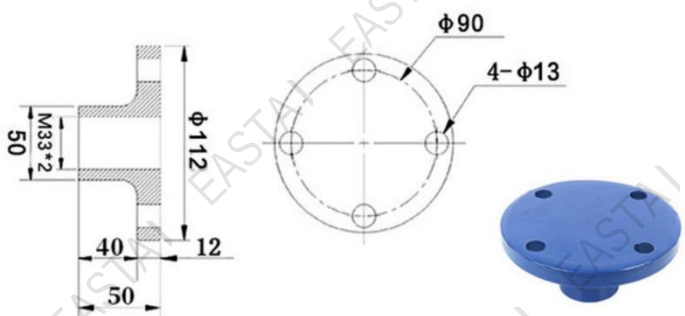
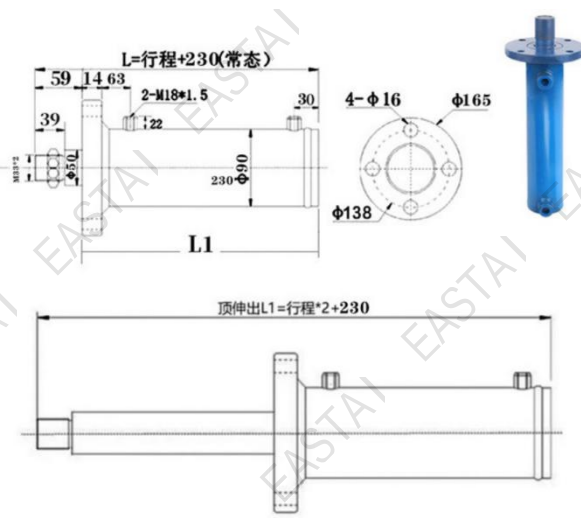
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法兰式油缸 FLANGETYPE CYLINDER

8 吨 HSG80 系列法兰液压油缸主要技术参数

HSG80 SERIES MAIN TECHNICAL PARAMETERS OF HYDRAULIC CYLINDER

型号 Model	内径 ID	外径 OD	杆径 Rod diameter	行程 Stroke	压力 Pressure	油口 Oil port	缸体长度 Cylinder block length	常态总长 Long overall length	伸出长度 Extension length
80*50*100	80	90	50	100	8T	18*1.5	270	330	430
80*50*150	80	90	50	150	8T	18*1.5	320	380	530
80*50*200	80	90	50	200	8T	18*1.5	370	430	630
80*50*250	80	90	50	250	8T	18*1.5	420	480	730
80*50*300	80	90	50	300	8T	18*1.5	470	530	830
80*50*350	80	90	50	350	8T	18*1.5	520	580	930
80*50*400	80	90	50	400	8T	18*1.5	570	630	1030
80*50*450	80	90	50	450	8T	18*1.5	620	680	1130
80*50*500	80	90	50	500	8T	18*1.5	670	730	1230
80*50*600	80	90	50	600	8T	18*1.5	770	830	1430
80*50*700	80	90	50	700	8T	18*1.5	870	930	1630
80*50*800	80	90	50	800	8T	18*1.5	970	1030	1830
80*50*900	80	90	50	900	8T	18*1.5	1070	1130	2030
80*50*1000	80	90	50	1000	8T	18*1.5	1170	1230	2230
80*50*1200	80	90	50	1200	8T	18*1.5	1370	1430	2630
80*50*1300	80	90	50	1300	8T	18*1.5	1470	1530	2830
80*50*1400	80	90	50	1400	8T	18*1.5	1570	1630	3030
80*50*1500	80	90	50	1500	8T	18*1.5	1670	1730	3230



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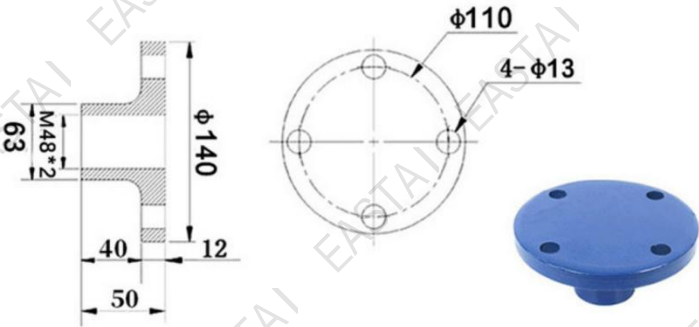
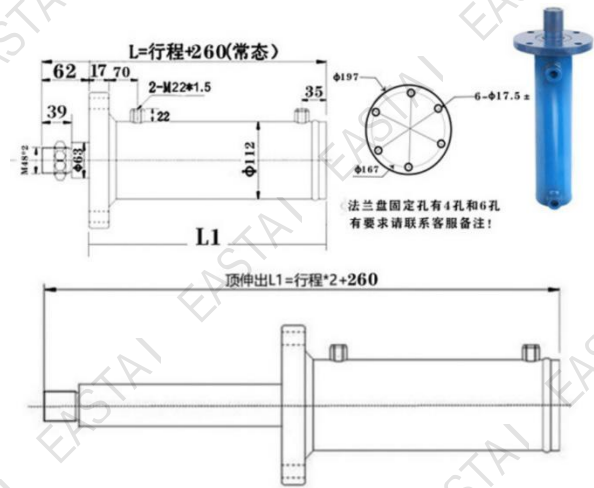
Manufacturer and exporter of Aluminum Pipe, Honed Tube, Chrome Bar, Hydraulic Cylinder.

法兰式油缸 FLANGETYPE CYLINDER

◆12 吨 HSG100 系列法兰液压油缸主要技术参数

HSG80 SERIES MAIN TECHNICAL PARAMETERS OF HYDRAULIC CYLINDER

型号 Model	内径 ID	外径 OD	杆径 Rod diameter	行程 Stroke	压力 Pressure	油口 Oil port	缸体长度 Cylinder block length	常态总长 Long overall length	伸出长度 Extension length
100*63*100	100	112	63	100	12.5T	M22*1.5	290	360	460
100*63*150	100	112	63	150	12.5T	M22*1.5	340	410	560
100*63*200	100	112	63	200	12.5T	M22*1.5	390	460	660
100*63*250	100	112	63	250	12.5T	M22*1.5	440	510	760
100*63*300	100	112	63	300	12.5T	M22*1.5	490	560	860
100*63*350	100	112	63	350	12.5T	M22*1.5	540	610	960
100*63*400	100	112	63	400	12.5T	M22*1.5	590	660	1060
100*63*450	100	112	63	450	12.5T	M22*1.5	640	710	1160
100*63*500	100	112	63	500	12.5T	M22*1.5	690	760	1260
100*63*600	100	112	63	600	12.5T	M22*1.5	790	860	1460
100*63*700	100	112	63	700	12.5T	M22*1.5	890	960	1660
100*63*800	100	112	63	800	12.5T	M22*1.5	990	1060	1860
100*63*900	100	112	63	900	12.5T	M22*1.5	1090	1160	2060
100*63*1000	100	112	63	1000	12.5T	M22*1.5	1190	1260	2260
100*63*1200	100	112	63	1200	12.5T	M22*1.5	1390	1460	2660
100*63*1300	100	112	63	1300	12.5T	M22*1.5	1490	1560	2860



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Types and Usages of Hydraulic Cylinders for Articulating Boom Lifts

Jib Cylinder	Used to adjust the horizontal angle of the work basket
Upper Levelling Cylinder	Used to ensure that the main boom is in a horizontal position
Lower Levelling Cylinder	Used to ensure that the main boom is in a horizontal position
Main Boom Extension Cylinder	Used to extend and retract the main boom, control the length of main boom
Main Boom Angle Cylinder	Used to adjust the angle of the entire main boom of the aerial work vehicle and support the entire main boom
Folding Boom Angle Cylinder	Used to adjust the angle of the folding arm of the aerial work vehicle to meet various tasks.
Steering Cylinder	Used for the steering of the aerial work platforms during autonomous moving
Floating Cylinder	Used to absorb the shock, allowing the body to remain balanced even when the ground is not smooth



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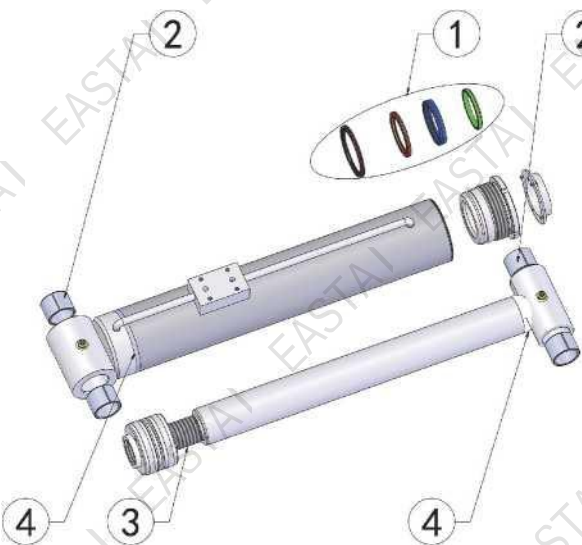
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Types and Usages of Hydraulic Cylinders for Scissor Lifts

Lifting Cylinder 1	Used to adjust the height of the work basket
Lifting Cylinder 2	Used to adjust the height of the work basket
Steering Cylinder	Used for the steering of the aerial work platforms during autonomous moving



Introduction of Hydraulic Cylinders for Aerial Work Platform



- 01

The seal kits are imported from Sweden. The excellent sealing design improves the resistance of pressure and impact. The cylinders use a lubrication structure with two seals and two guiding rings which greatly improves the guiding, smoothness and sealing life of the cylinder
- 02

With Special wear-resistant bearings, it can guarantee the machine's service life.
- 03

With advanced welding technology ,it can ensure the safety factor.
- 04

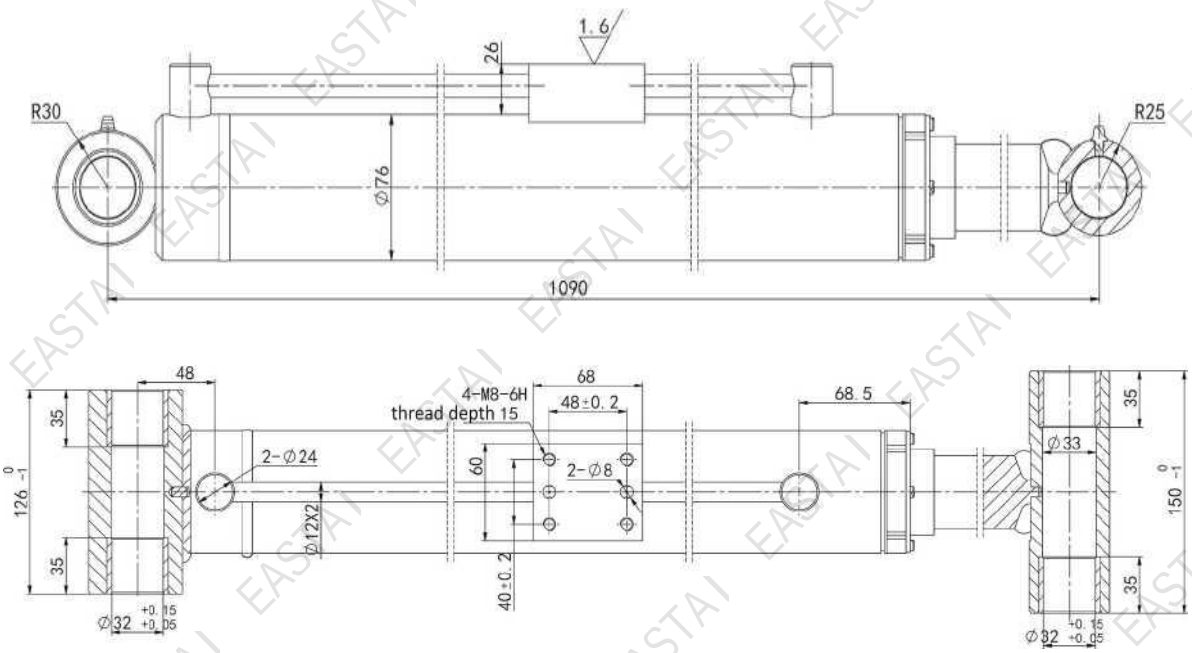
With modern welding technology, It guarantees the cylinder's service life.

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Basic Parameters of Hydraulic Cylinders for Articulating Boom Lifts Upper
Jib Cylinder: It's used to adjust the horizontal angle of the work basket

Standard code	Name	Bore	Rod	Stroke	Retraction length	Weight
FZ-GK-63/45X566-1090	Jib Cylinder	∅ 63	∅ 45	566mm	1090mm	28.5KG

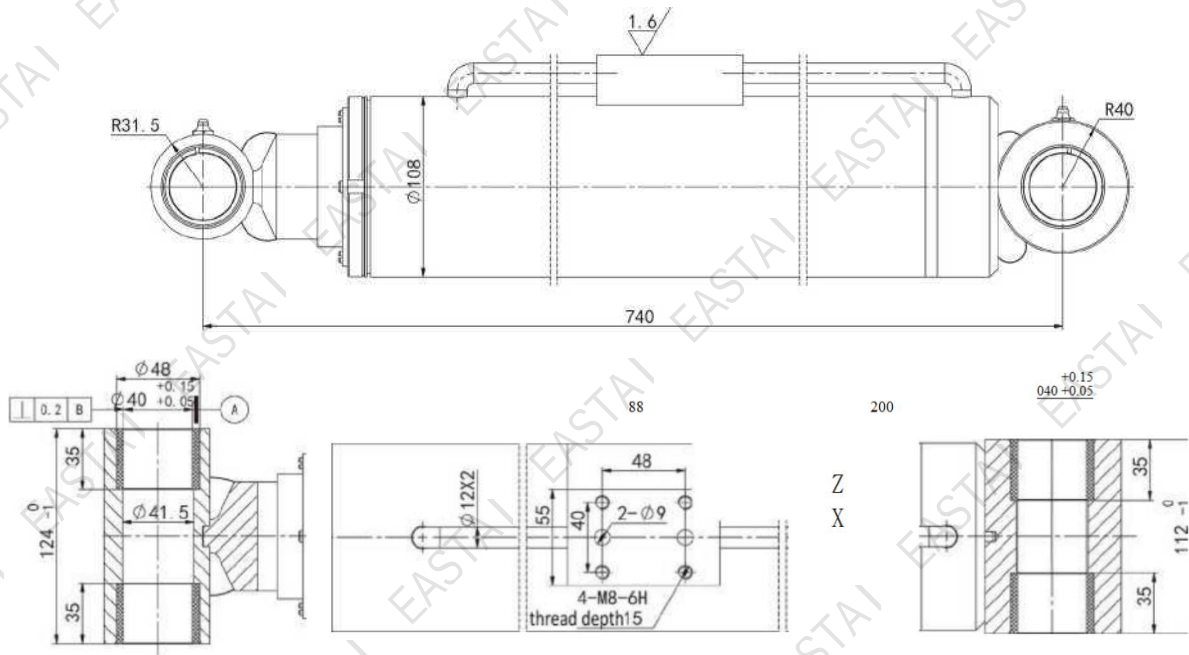


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Levelling Cylinder: It s used to ensure that the main boom in a horizontal position

Standard code	Name	Bore	Rod	Stroke	Retraction length	Weight
FZ-GK-90/63X440-740	Upper Levelling Cylinder	∅ 90	∅ 63	440mm	740mm	40KG

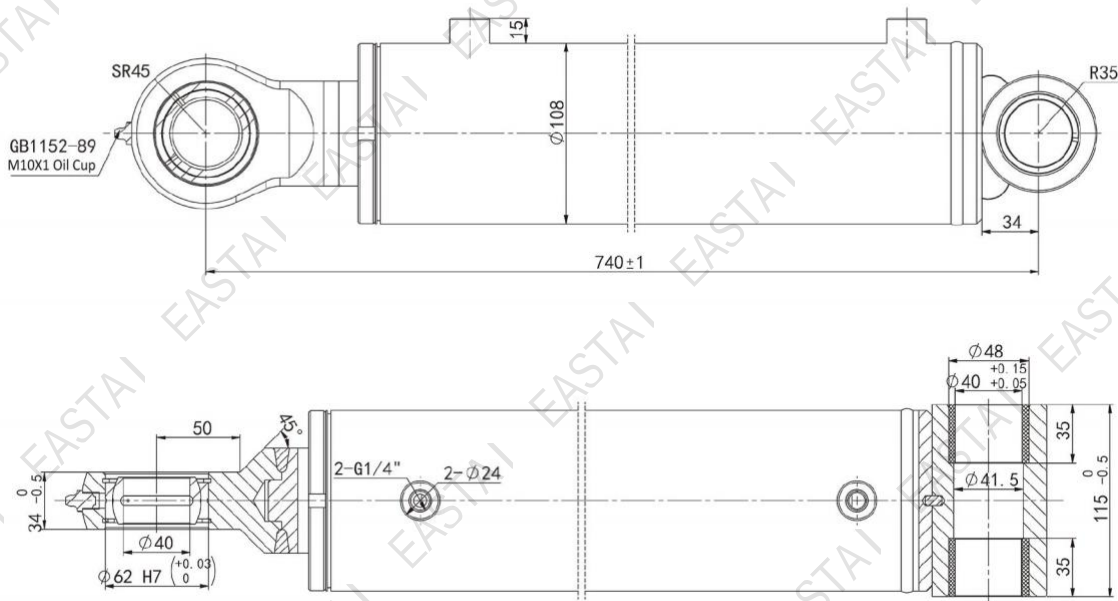


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Upper Levelling Cylinder: It's used to ensure that the main boom in a horizontal position

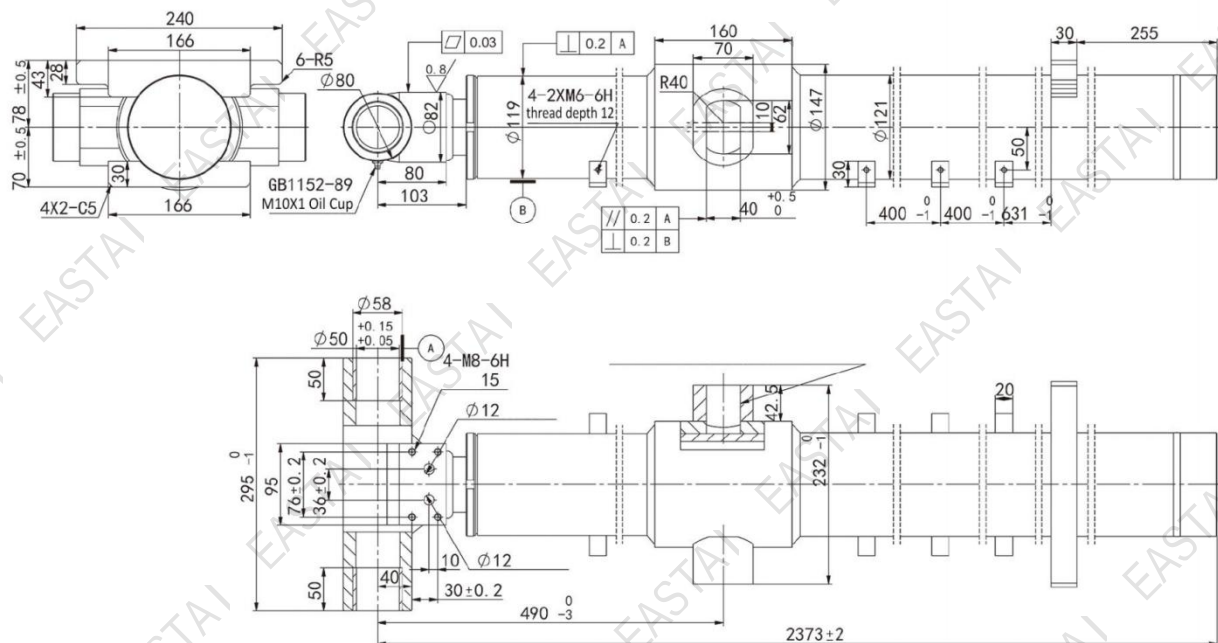
Standard code	Name	Bore	Rod	Stroke	Retraction length	Weight
FZ-GK-90/63X440-740	Lower Levelling Cylinder	∅ 90	∅ 63	440mm	740mm	36KG



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Main Boom Extension Cylinder: It s used to extend and retract the main boom and control the length of main boom

Standard code	Name	Bore	Rod	Stroke	Retraction length	Weight
FZ-GK-100/65X2003-490	Main Boom Extension Cylinder	∅ 100	∅ 65	2003mm	490mm	134.5KG

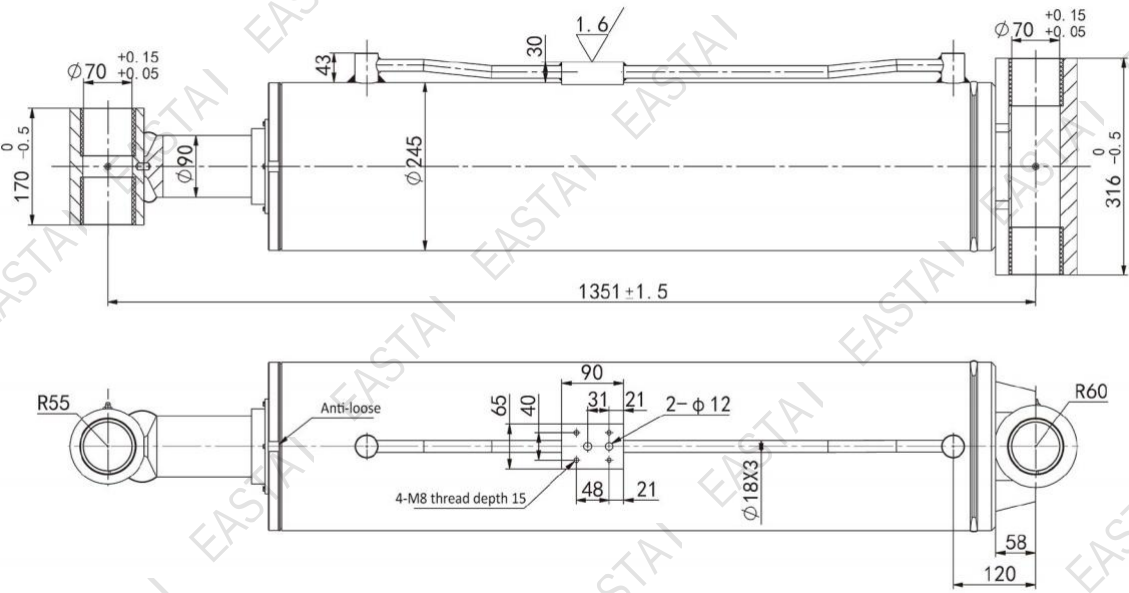


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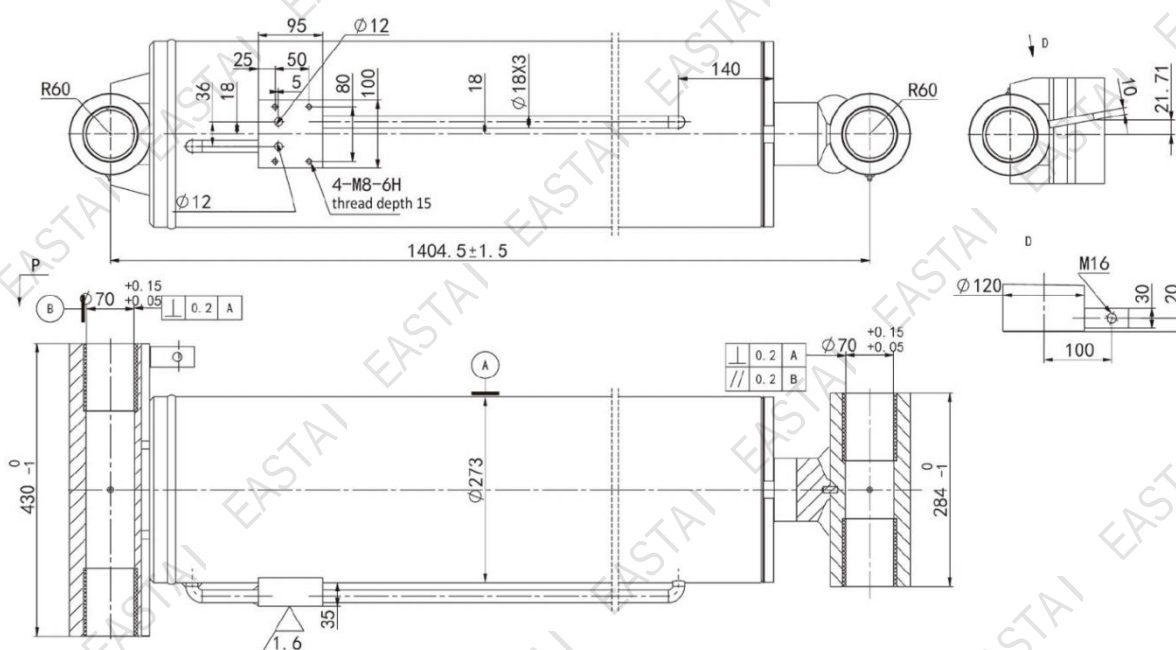
Main Boom Angle Cylinder: It's used to adjust the angle of the entire main boom of the aerial work vehicle and support the entire main boom

Standard code	Name	Bore	Rod	Stroke	Retraction length	Weight
FZ-GK-200/90X734-1351	Main Boom Angle Cylinder	∅ 200	∅ 90	734mm	1351mm	274.5KG



Manufacturer and exporter of Aluminum Pipe, Honed Tube, Chrome Bar, Hydraulic Cylinder.

Standard code	Name	Bore	Rod	Stroke	Retraction length	Weight
FZ-GK-220/92X883.5-1404.5	Folding Boom Angle Cylinder	∅ 220	∅ 92	883.5mm	1404.5mm	372.5KG

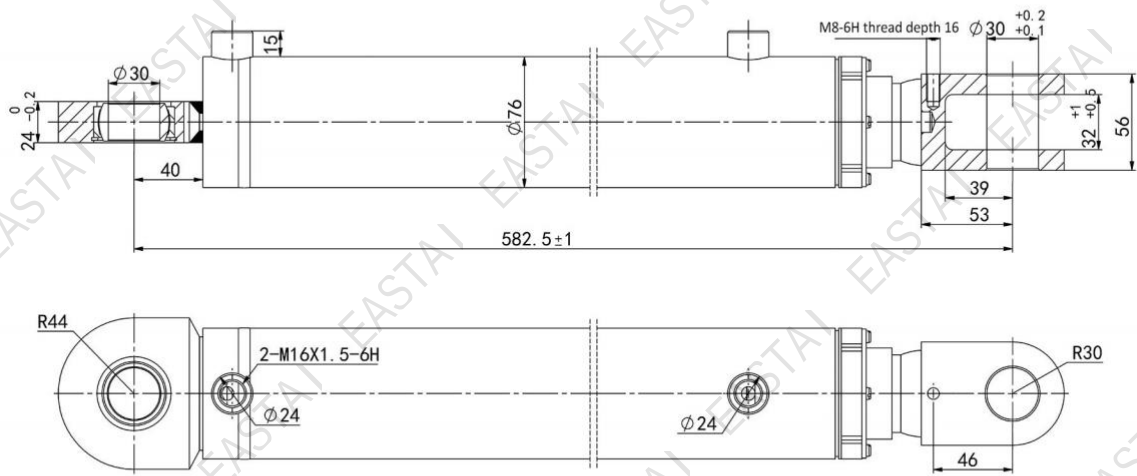


EAST AI MACHINERY CO., LIMITED

Manufacturer and exporter of Aluminum Pipe, Honed Tube, Chrome Bar, Hydraulic Cylinder.

Steering Cylinder: It's used for the steering of the aerial work platforms during autonomous moving

Standard code	Name	Bore	Rod	Stroke	Retraction length	Weight
FZ-GK-63/45X309-582.5	Steering Cylinder	∅ 63	∅ 45	309mm	582.5mm	14.5KG

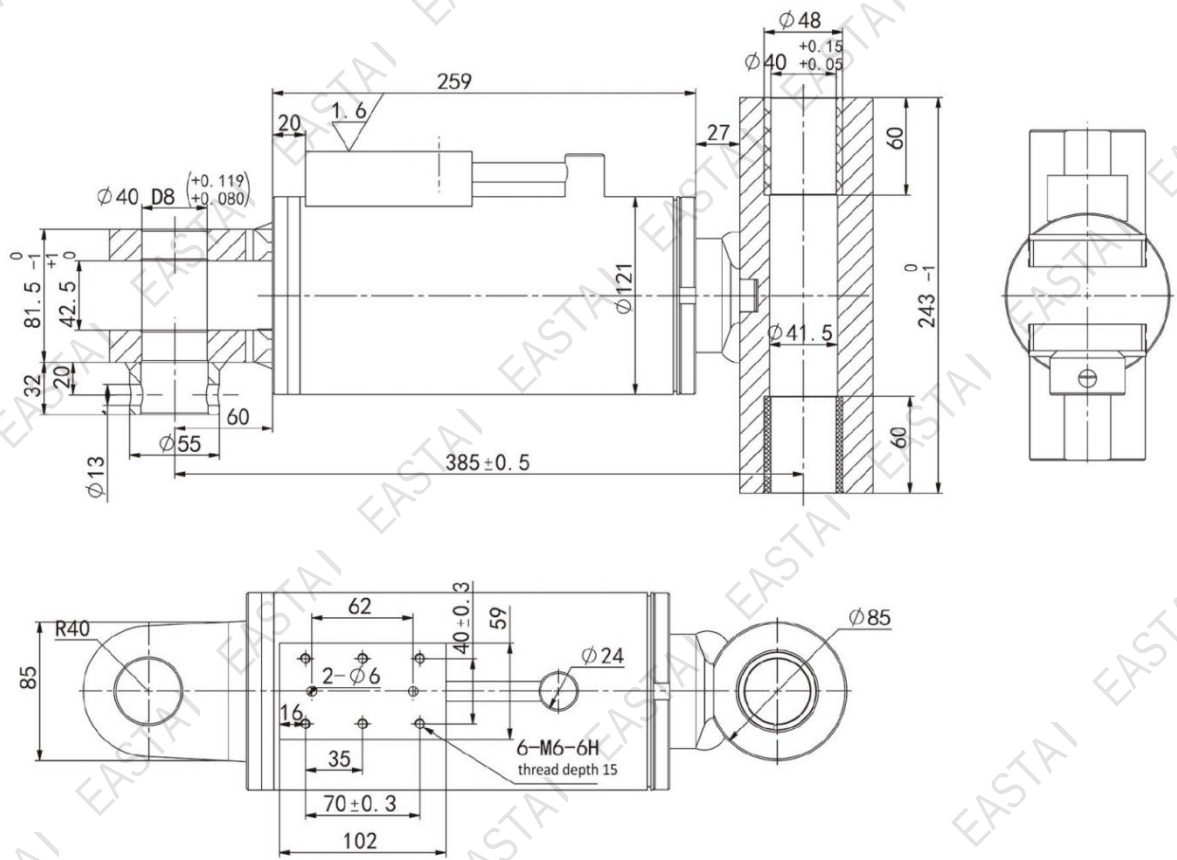
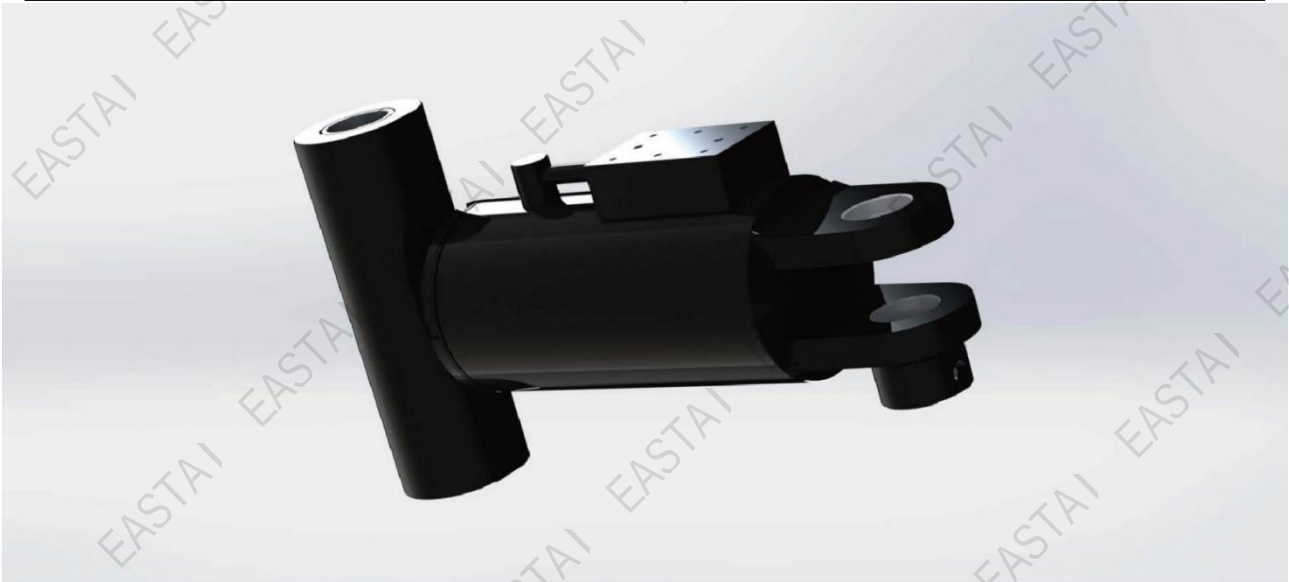


EAST AI MACHINERY CO., LIMITED

Manufacturer and exporter of Aluminum Pipe, Honed Tube, Chrome Bar, Hydraulic Cylinder.

Floating Cylinder: It s used to absorb the shock, allowing the body to remain balanced even when the ground is not smooth

Standard code	Name	Bore	Rod	Stroke	Retraction length	Weight
FZ-GK-100/70X100-385	Floating Cylinder	∅ 100	∅ 70	100mm	385mm	30.6KG

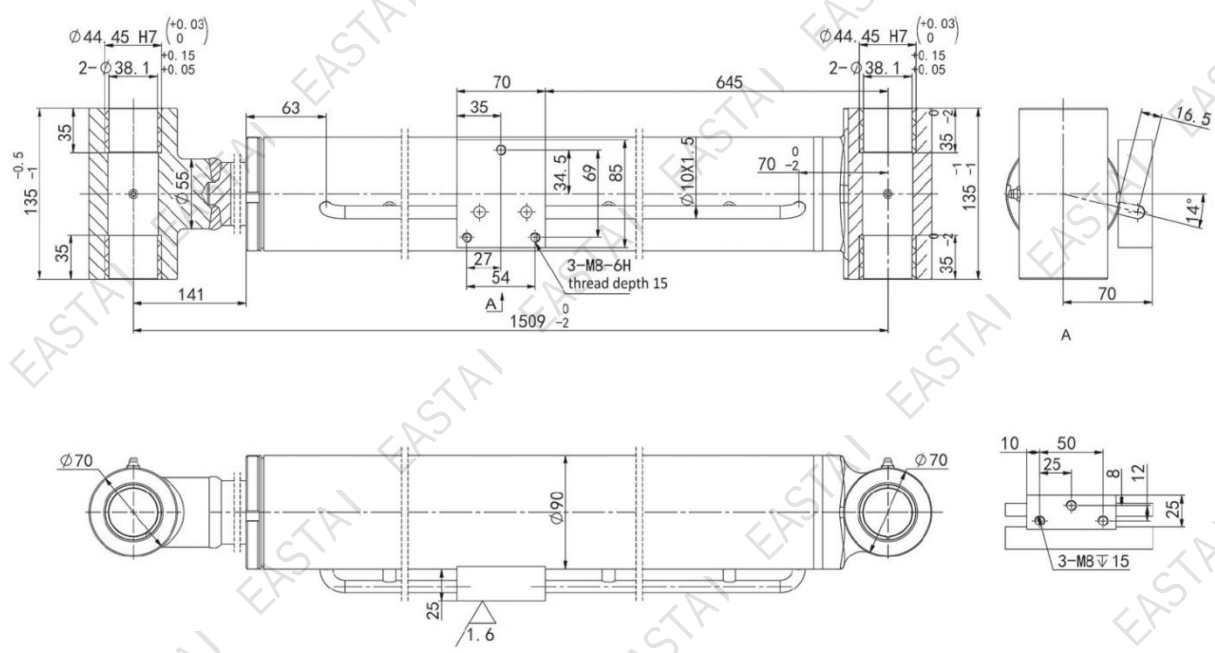


EAST AI MACHINERY CO., LIMITED

Manufacturer and exporter of Aluminum Pipe, Honed Tube, Chrome Bar, Hydraulic Cylinder.

Lifting Cylinder 1: It s used to adjust the height of the work basket

Standard code	Name	Bore	Rod	Stroke	Retraction length	Weight
FZ-GK-75/50X1118-1509	Lifting Cylinder 1	∅ 75	∅ 50	1118mm	1509mm	53.2KG

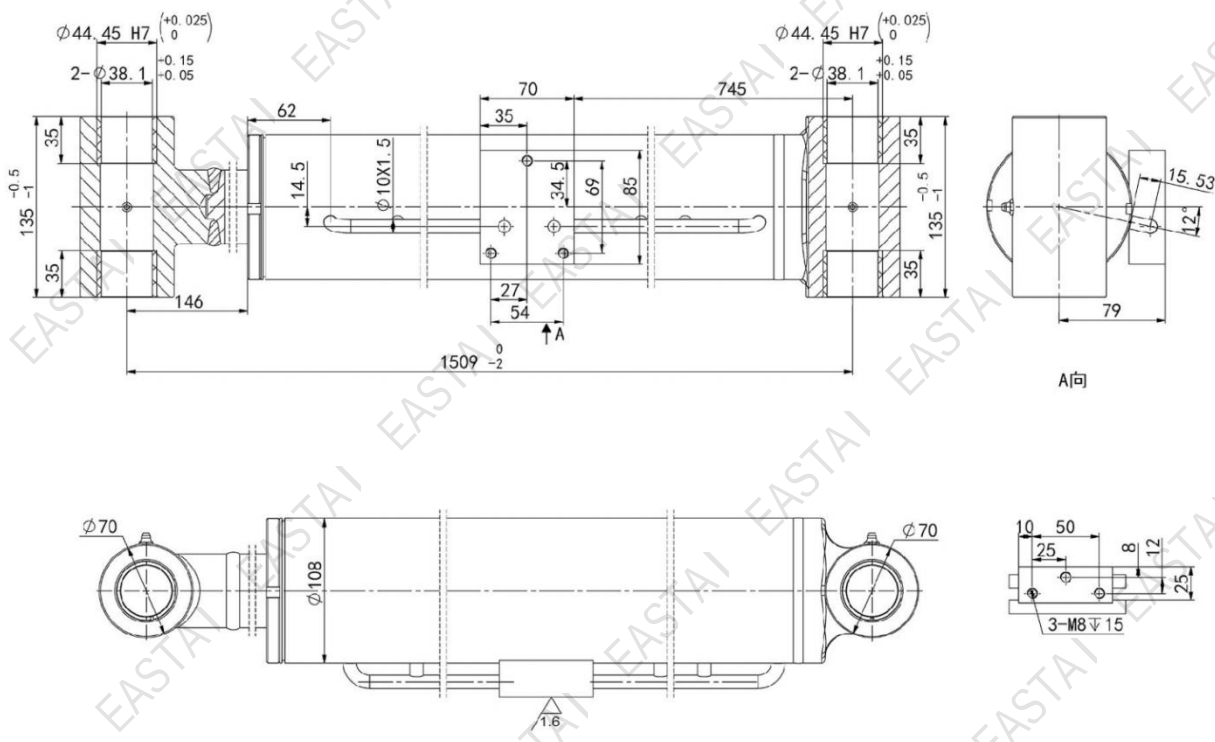


EAST AI MACHINERY CO., LIMITED

Manufacturer and exporter of Aluminum Pipe, Honed Tube, Chrome Bar, Hydraulic Cylinder.

Lifting Cylinder 2: It's used to adjust the height of the work basket

Standard code	Name	Bore	Rod	Stroke	Retraction length	Weight
FZ-GK-90/55X1118-1509	Lifting Cylinder 2	∅ 90	∅ 55	1118mm	1509mm	68.1KG

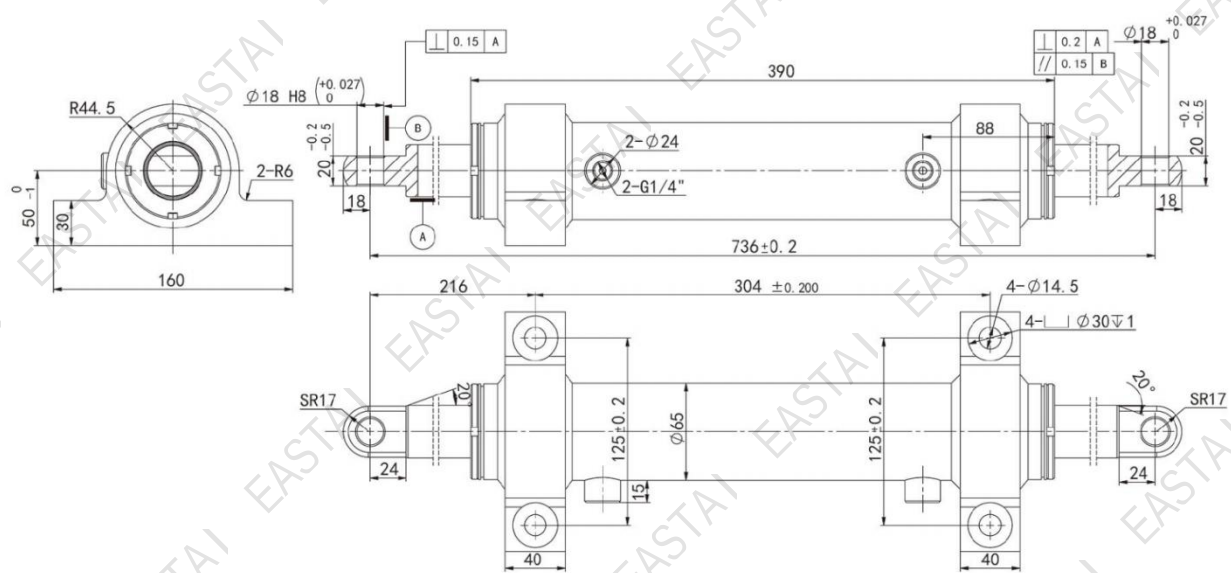


EAST AI MACHINERY CO., LIMITED

Manufacturer and exporter of Aluminum Pipe, Honed Tube, Chrome Bar, Hydraulic Cylinder.

Steering Cylinder: It's used for the steering of the aerial work platforms during autonomous moving

Standard code	Name	Bore	Rod	Stroke	Retraction length	Weight
FZ-GK-50/32X85/85-736	Steering Cylinder	∅ 50	∅ 32	85/85mm	736mm	14.5KG



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Manufacturer and exporter of Aluminum Pipe, Honed Tube, Chrome Bar, Hydraulic Cylinder.

Usages of Hydraulic Folding -type Cranes

Main Usage: it's used for building construction, road and bridge pipe construction, landscaping, installing power plant, construction of small and medium-sized water conservancy project.

Hydraulic Cylinder Models for Folding Type Crane & Usage

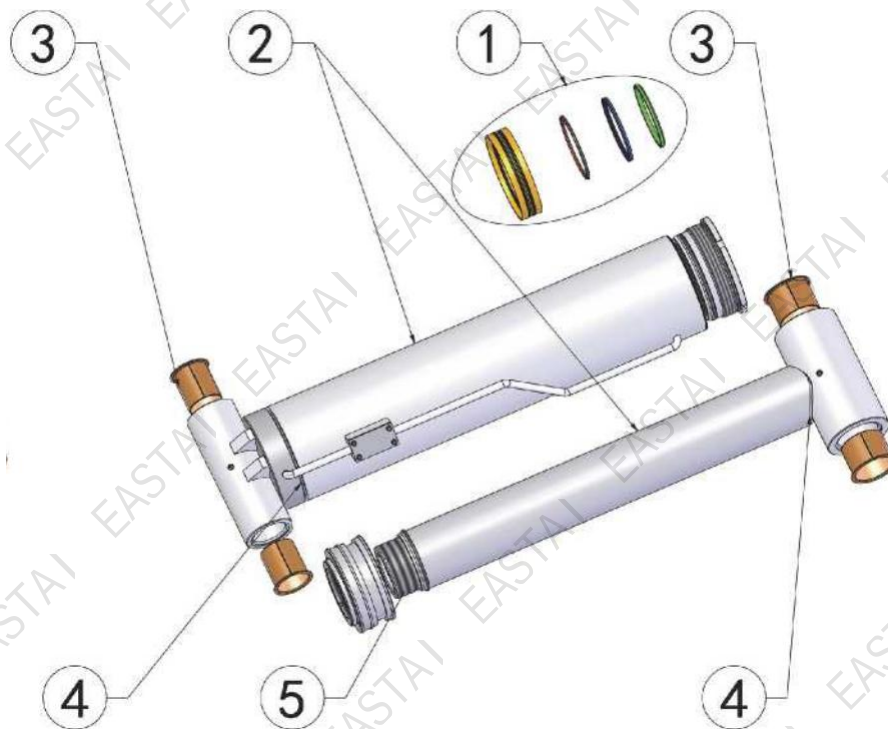
Derricking Cylinder	Adjust the Height of the boom
Extended Cylinder	Adjust the length of the boom
Leg-supporting Cylinder	Fix the truck body



EAST AI MACHINERY CO., LIMITED

Manufacturer and exporter of Aluminum Pipe, Honed Tube, Chrome Bar, Hydraulic Cylinder.

Features of Crane Hydraulic Cylinders



01

Using imported seals with special structure to resist high-pressure, the cylinder is safe, reliable and stable under impacting situation.

02

By using high-strength material, the cylinder is reliable and stable. The rod is hollow and can make the whole machine light.

03

The copper bearing on the cylinder makes the machine work longer.

04

With modern welding technology, it guarantees the cylinder's service life.

05

With reliable threaded anti-lock structure, it can ensure the cylinder safety.

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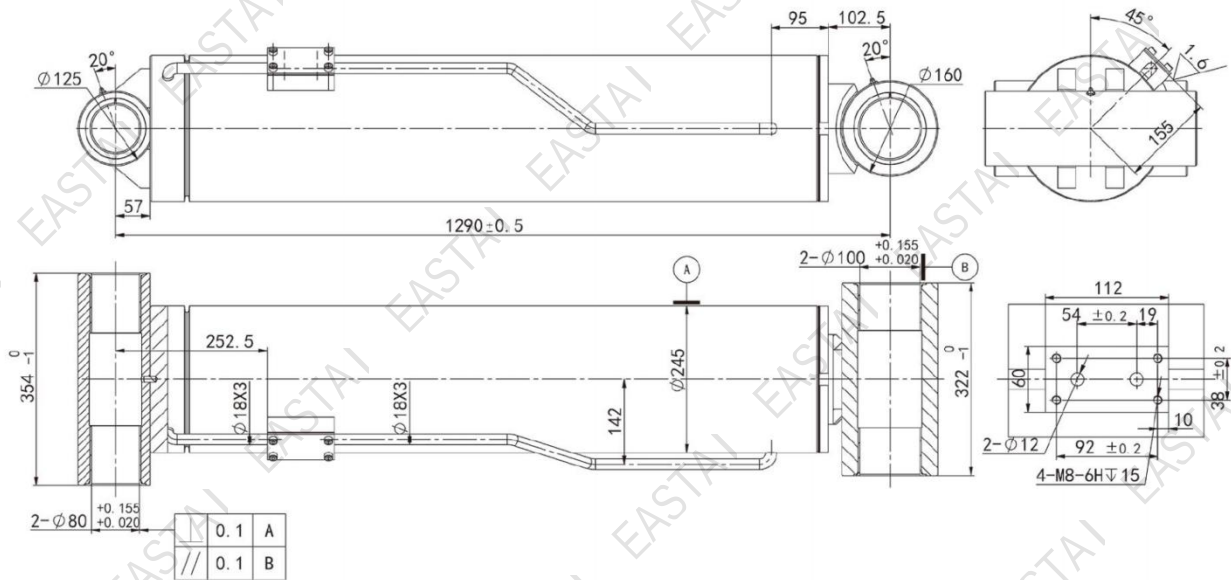
Manufacturer and exporter of Aluminum Pipe, Honed Tube, Chrome Bar, Hydraulic Cylinder.

Specification

For Hydraulic Folding Type Crane,the quantities of hydraulic cylinders would be based on the lifting height and loading capacity.Please contact us for hydraulic cylinders based on your crane.

Derricking Cylinder: It's used for adjusting the working height.

Standard code	Name	Bore	Rod	Stroke	Retraction length	Weight
FZ-SC-220/150X865-1290	Derricking cylinder	∅ 220	∅ 150	865mm	1290mm	266.5KG

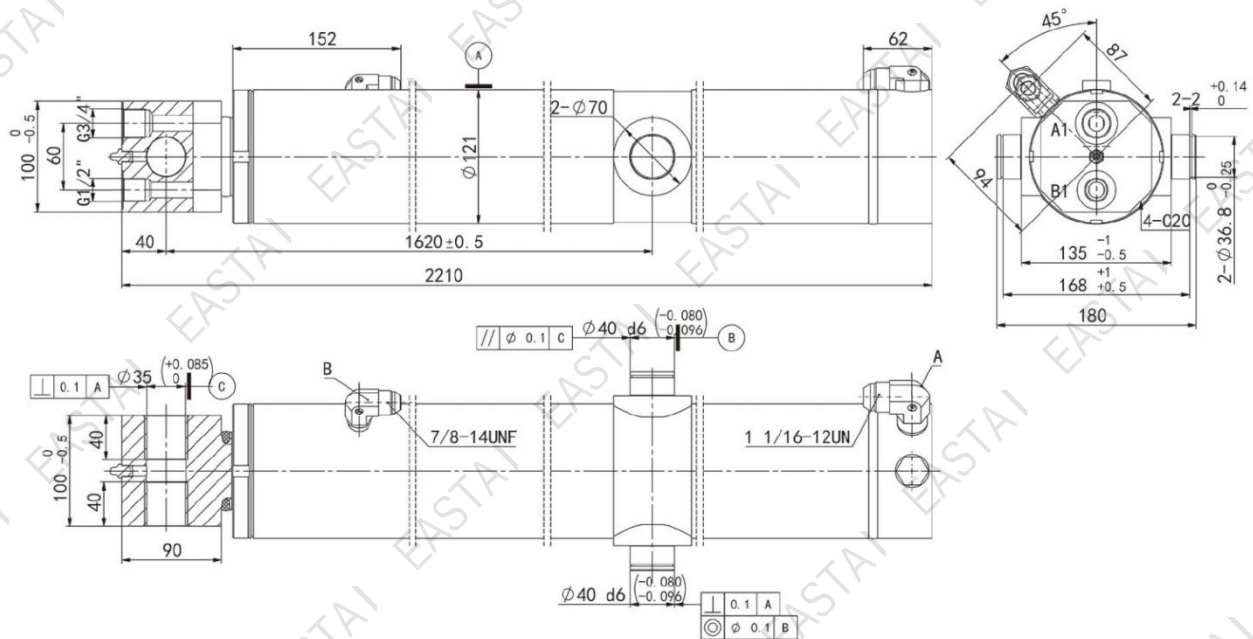


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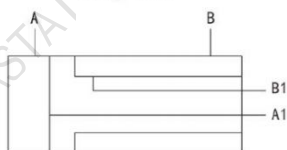
Manufacturer and exporter of Aluminum Pipe, Honed Tube, Chrome Bar, Hydraulic Cylinder.

Extended Cylinder: It's used for adjusting the stroke scope of boom.

Standard code	Name	Bore	Rod	Stroke	Retraction length	Weight
FZ-SC-100/70X1860-1620	Telescopic cylinder	∅ 100	∅ 70	1860mm	1620mm	116KG



Diagram

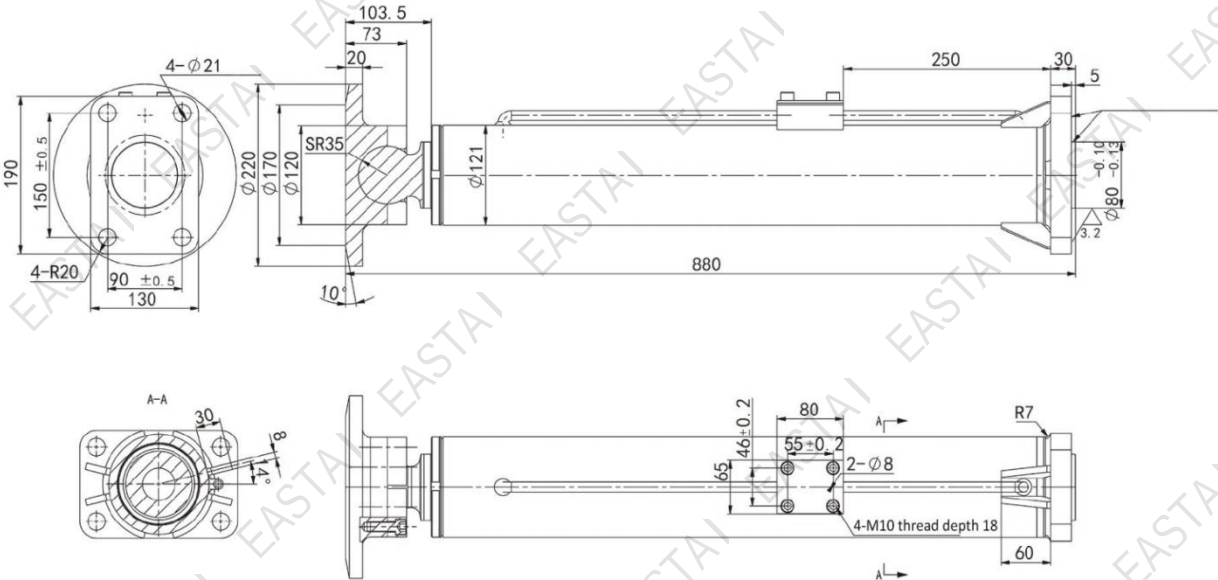


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Manufacturer and exporter of Aluminum Pipe, Honed Tube, Chrome Bar, Hydraulic Cylinder.

Extended cylinder :It's used for adjusting the width of crawler

Standard code	Name	Bore	Rod	Stroke	Retraction length	Weight
FZ-SC-100/80X550-880	Leg-supporting cylinder	∅ 100	∅ 80	550mm	880mm	65KG



EAST AI MACHINERY CO., LIMITED

Manufacturer and exporter of Aluminum Pipe, Honed Tube, Chrome Bar, Hydraulic Cylinder.

Usage of Mini Hydraulic Crawler Excavator

Main usage: It's used for trenching, fertilizing, planting trees, opening up wasteland, etc.

Cylinder Models and Usage

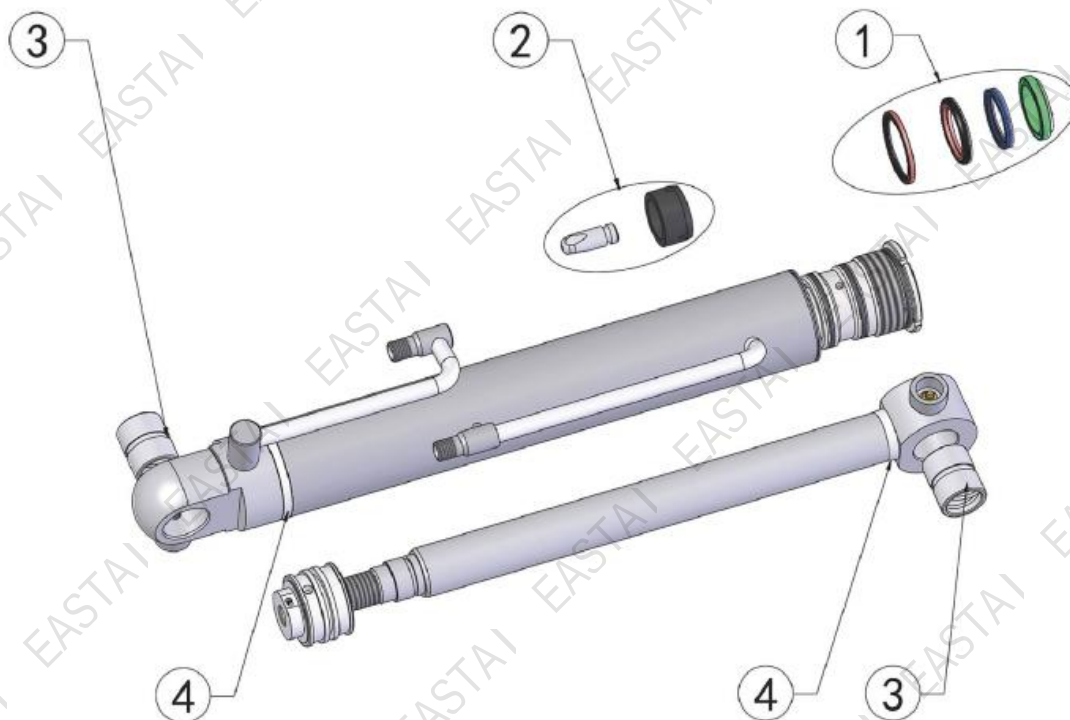
Bucket cylinder	For bucket overturn
Arm cylinder	To control bucket arm fold and extend
Boom cylinder	Boom rising and falling up
Rotary Cylinder	Adjust boom working position
Extended cylinder	Adjust width of crawler
Dozer Blade Cylinder	For control dozer blade



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Manufacturer and exporter of Aluminum Pipe, Honed Tube, Chrome Bar, Hydraulic Cylinder.

Introduction of hydraulic cylinders for mini crawler excavator



01

The seals are from imported brand. With stable and reliable performance, the seals can meet the impact and variable load conditions.

02

With mature floating cushion structure, it can improve the pressure impact during working and prolong the service life of cylinder.

03

The surface of steel bearing is hardened and quenched which improves its hardness and wearing ability.

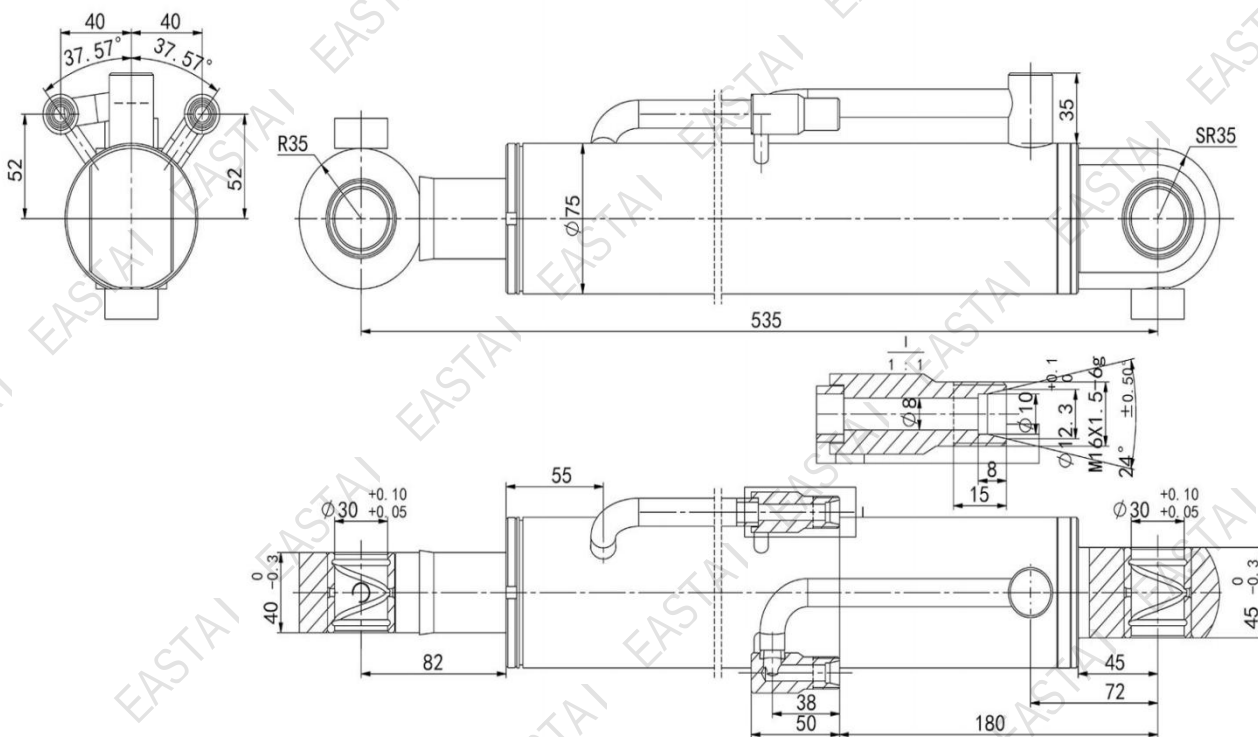
04

With modern welding technology, it guarantees the cylinder's service life.

Manufacturer and exporter of Aluminum Pipe, Honed Tube, Chrome Bar, Hydraulic Cylinder.

Bucket cylinder: Ifs used for bucket turning.

Standard code	Name	Bore	Rod	Stroke	Retraction length	Weight
FZ-WJ-60/40X270-535	Bucket cylinder	∅ 60	∅ 40	270mm	535mm	13.5KG

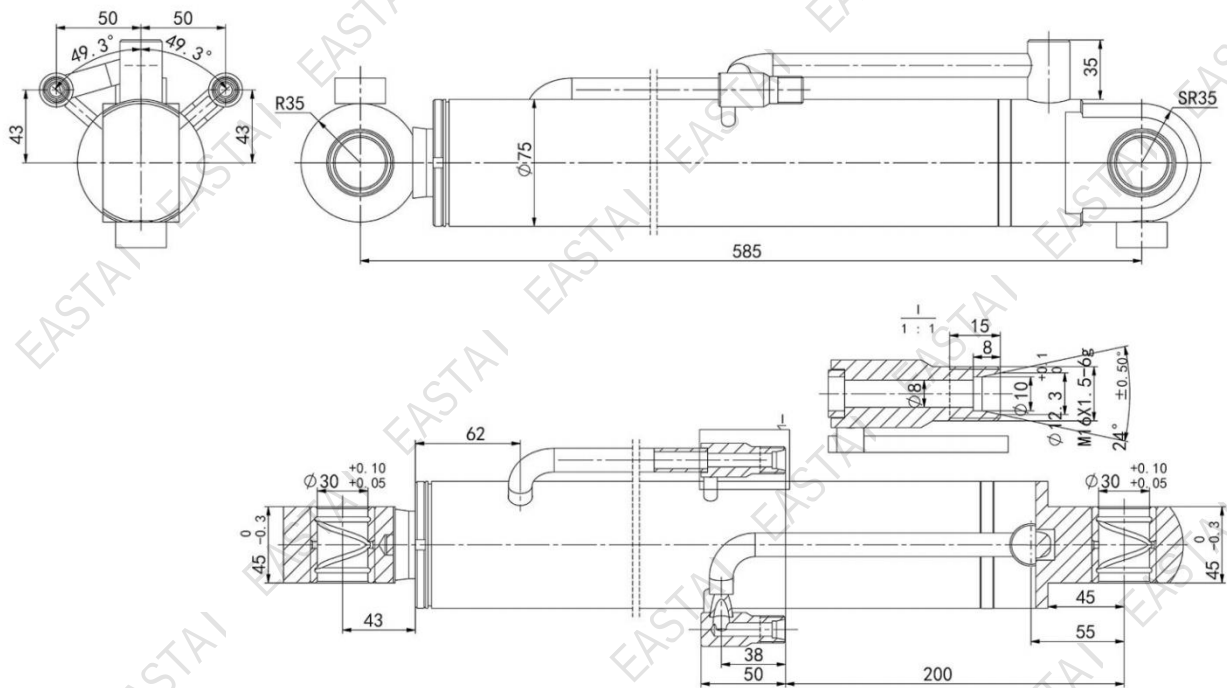


Manufacturer and exporter of Aluminum Pipe, Honed Tube, Chrome Bar, Hydraulic Cylinder.

Manufacturer and exporter of Aluminum Pipe, Honed Tube, Chrome Bar, Hydraulic Cylinder.

Arm cylinder: Ifs used to control bucket arm folding and extending.

Standard code	Name	Bore	Rod	Stroke	Retraction length	Weight
FZ-WJ-60/40X335-585	Arm cylinder	∅ 60	∅ 40	335mm	585mm	15.6KG

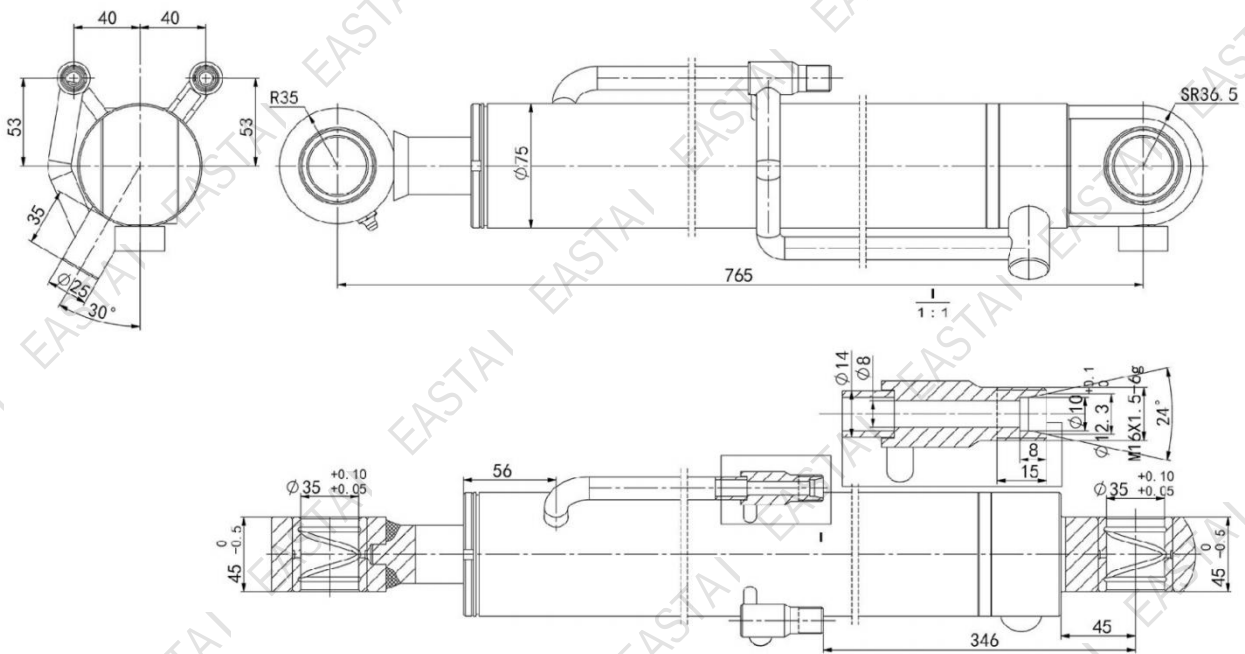


EAST AI MACHINERY CO., LIMITED

Manufacturer and exporter of Aluminum Pipe, Honed Tube, Chrome Bar, Hydraulic Cylinder.

Boom cylinder: If s used for boom rising and falling up

Standard code	Name	Bore	Rod	Stroke	Retraction length	Weight
FZ-WJ-60/35X470-765	Boom cylinder	∅ 60	∅ 35	470mm	765mm	18KG

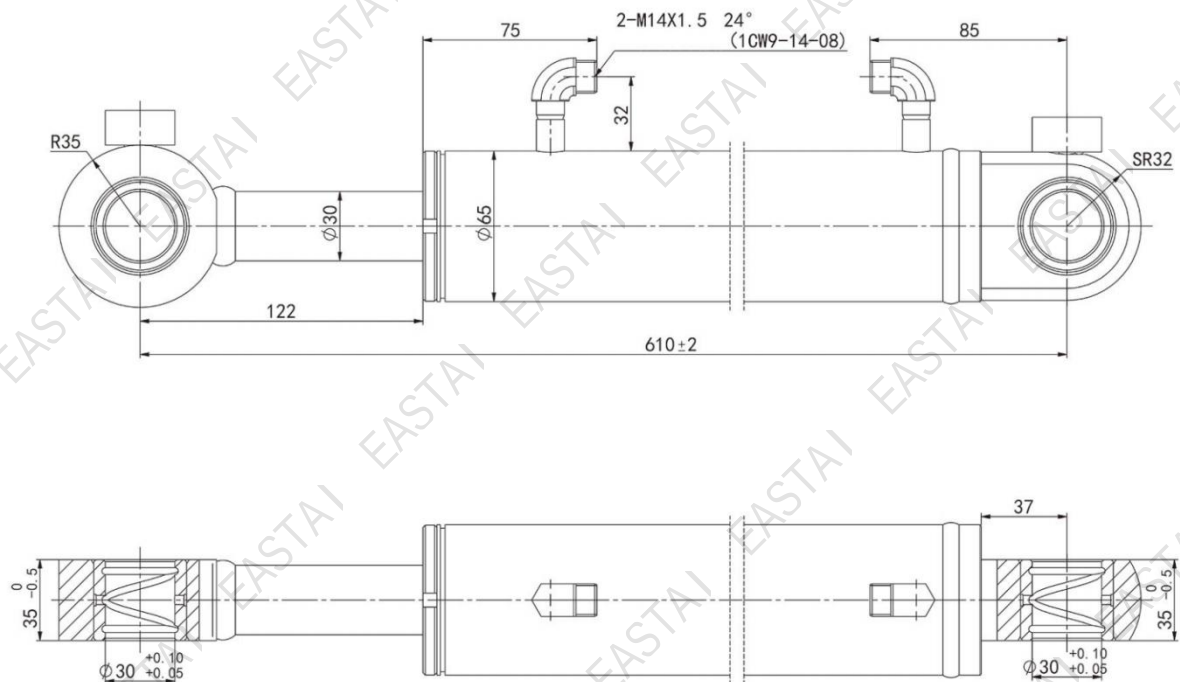


EAST AI MACHINERY CO., LIMITED

Manufacturer and exporter of Aluminum Pipe, Honed Tube, Chrome Bar, Hydraulic Cylinder.

Rotary Cylinder: It's used for working position adjusting.

Standard code	Name	Bore	Rod	Stroke	Retraction length	Weight
FZ-WJ-50/30X325-610	Rotary Cylinder	∅ 50	∅ 30	325mm	610mm	10.5KG

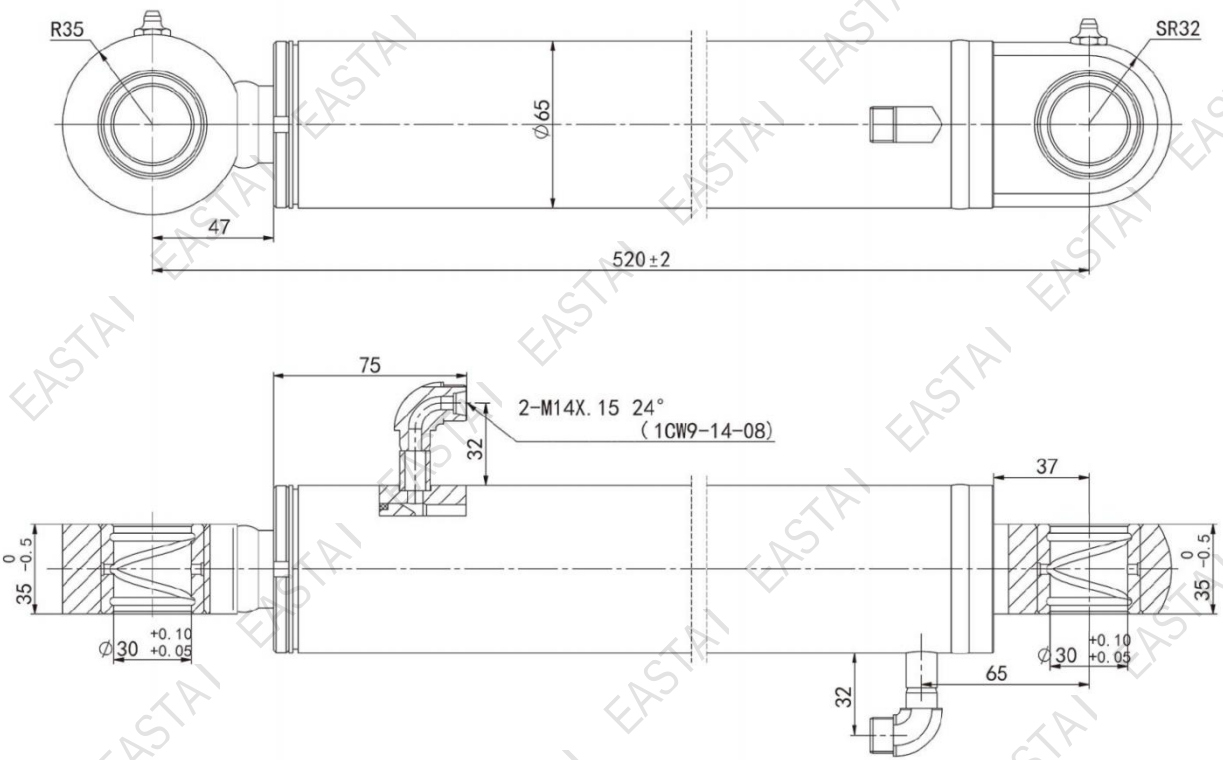


EAST AI MACHINERY CO., LIMITED

Manufacturer and exporter of Aluminum Pipe, Honed Tube, Chrome Bar, Hydraulic Cylinder.

Extended cylinder :It's used for adjusting the width of crawler

Standard code	Name	Bore	Rod	Stroke	Retraction length	Weight
FZ-WJ-50/30X310-520	Extended Cylinder	∅ 50	∅ 30	310mm	520mm	10KG

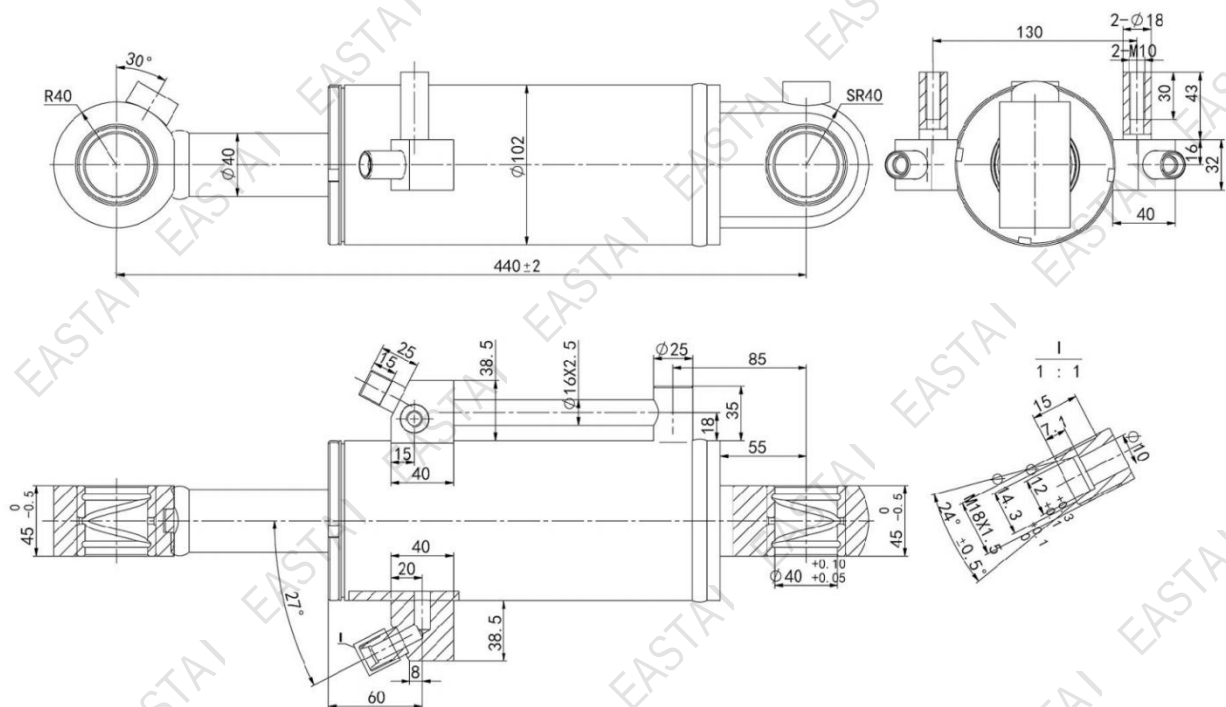


EAST AI MACHINERY CO., LIMITED

Manufacturer and exporter of Aluminum Pipe, Honed Tube, Chrome Bar, Hydraulic Cylinder.

Dozer Blade Cylinder: It's used for extending & retracting dozer blade

Standard code	Name	Bore	Rod	Stroke	Retraction length	Weight
FZ-WJ-80/40X95-440	Dozer Blade Cylinder	∅ 80	∅ 40	95mm	440mm	17.5KG



EAST AI MACHINERY CO., LIMITED

Manufacturer and exporter of Aluminum Pipe, Honed Tube, Chrome Bar, Hydraulic Cylinder.

Types of Mining Scraper

According to the driving method	Electric scraper and internal combustion scraper
According to the bucket volume	0.6m³, 1m³, 2m³, 3m³, etc.

Usage of Mining Scraper

Main Usage: It's used for mining and transferring of underground ore and coal.

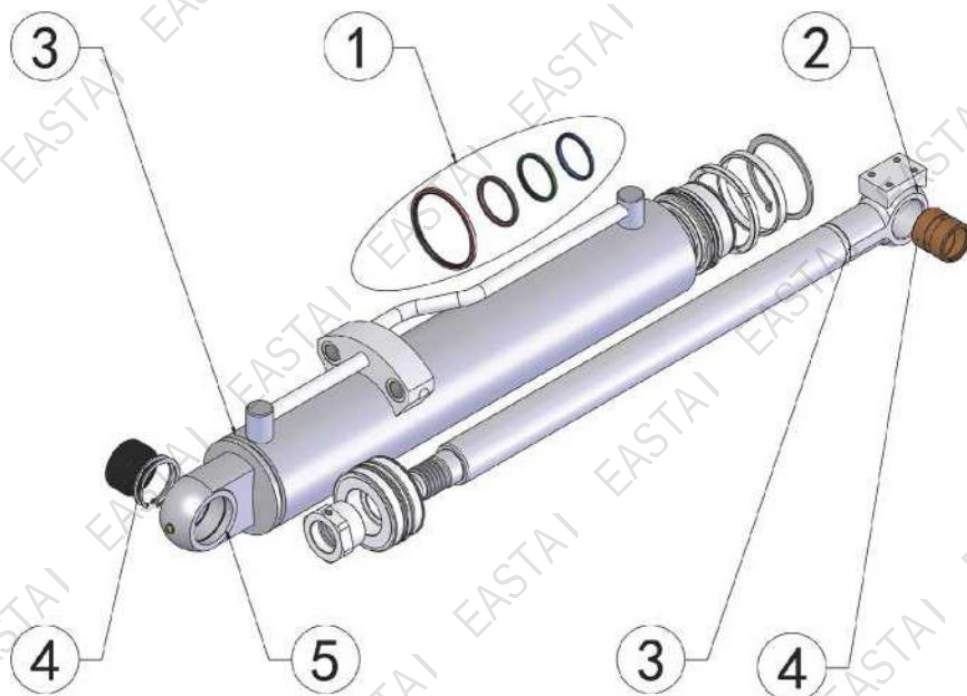
Tilt Cylinder	Used to flip the bucket
Lift Cylinder	Used to lift the bucket
Steering Cylinder	Used to steer the wheels



EAST AI MACHINERY CO., LIMITED

Manufacturer and exporter of Aluminum Pipe, Honed Tube, Chrome Bar, Hydraulic Cylinder.

Introduction of Hydraulic Cylinders for Mining Scraper



01

The seals are from imported brand. With stable and reliable performance, the seals can meet the impact and variable load conditions.

02

The front connectors are processed by forging, which have good appearance and strong mechanical strength. The reliability of cylinders is also improved.

03

Advanced welding technology can extend the lifetime of cylinders.

04

Use bearings in accordance with working conditions to ensure the lifetime of cylinders under severe conditions.

05

The rear connectors are processed by forging, which have good appearance and strong mechanical strength. The reliability of cylinders is also improved.

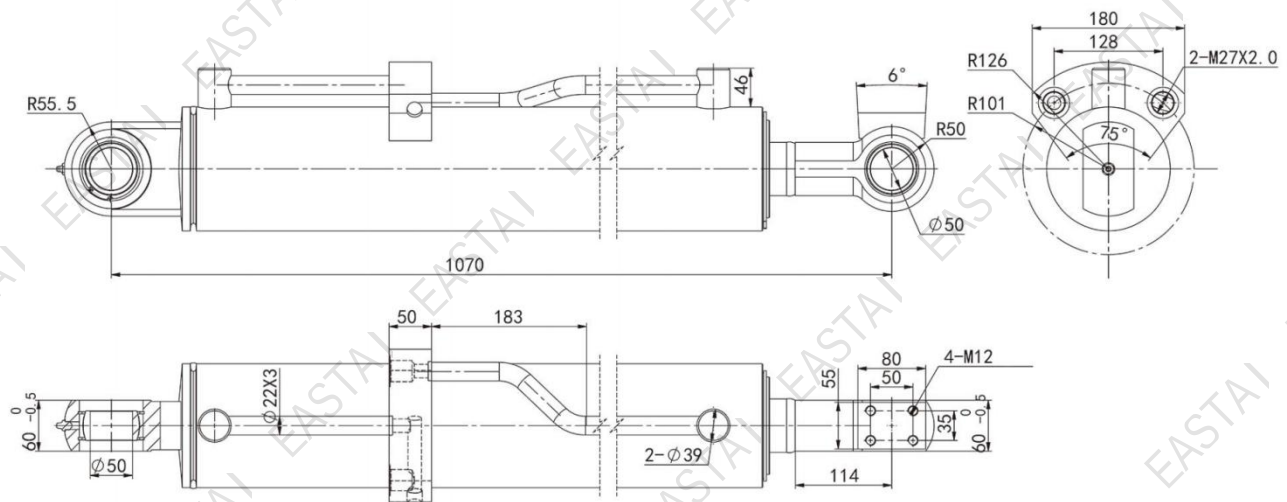
EAST AI MACHINERY CO., LIMITED

Manufacturer and exporter of Aluminum Pipe, Honed Tube, Chrome Bar, Hydraulic Cylinder.

Basic Parameters of Hydraulic Cylinders for Mining Scraper:
(Take a 1m3 scraper cylinder as an example)

Tilt Cylinder: Used to flip the bucket

Standard code	Name	Bore	Rod	Stroke	Retraction length	Weight
FZ-CY-125/63X630-1070	Tilt Cylinder	∅ 125	∅ 63	630mm	1070mm	76KG

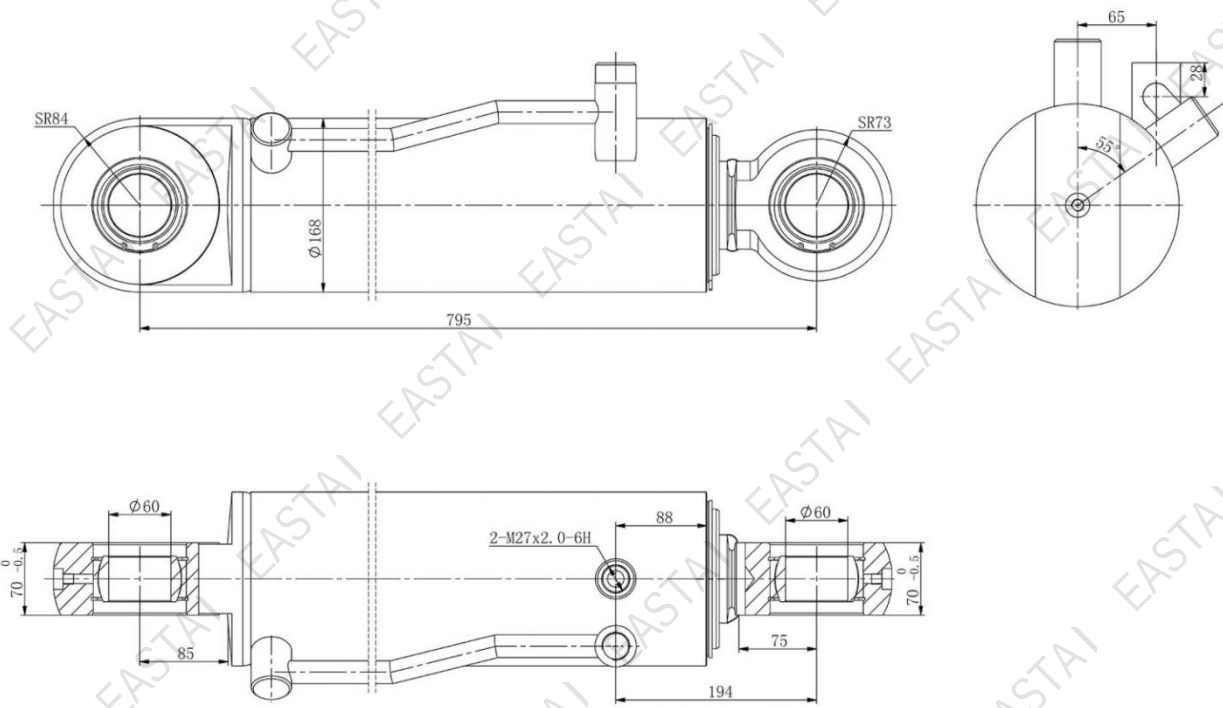


EAST AI MACHINERY CO., LIMITED

Manufacturer and exporter of Aluminum Pipe, Honed Tube, Chrome Bar, Hydraulic Cylinder.

Lift Cylinder: Used to lift the bucket

Standard code	Name	Bore	Rod	Stroke	Retraction length	Weight
FZ-CY-150/85X390-795	Lift Cylinder	∅ 150	∅ 85	390mm	795mm	82.5KG

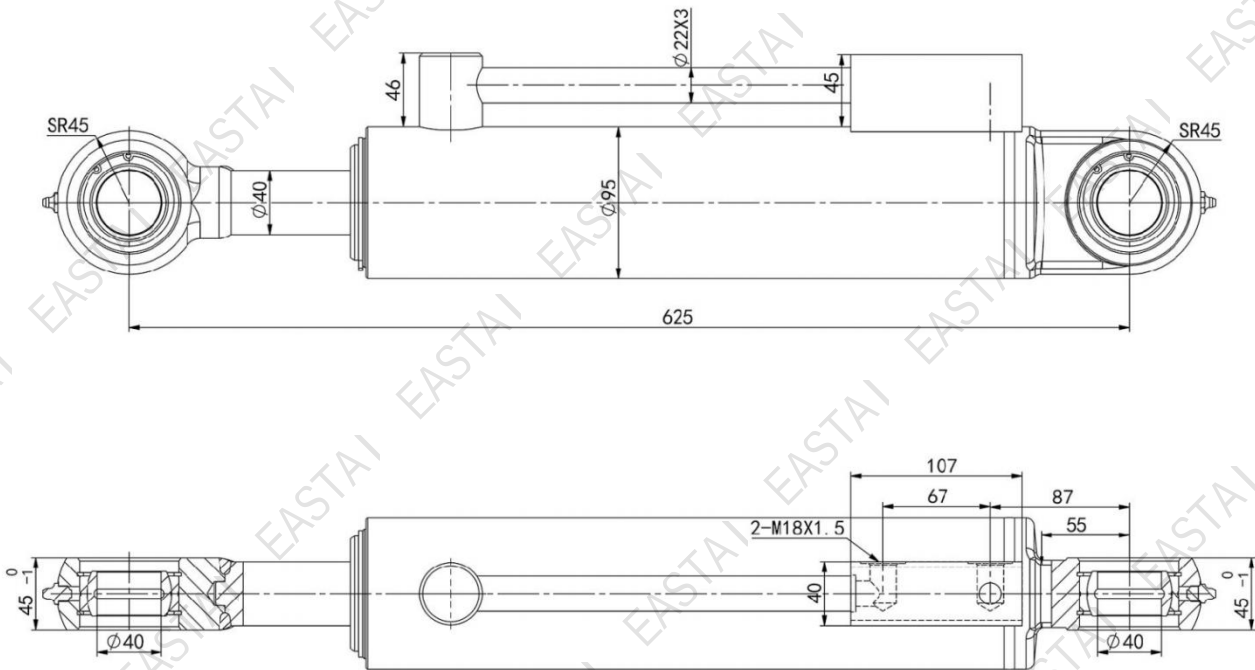


EAST AI MACHINERY CO., LIMITED

Manufacturer and exporter of Aluminum Pipe, Honed Tube, Chrome Bar, Hydraulic Cylinder.

Steering Cylinder: Used to steer the wheels

Standard code	Name	Bore	Rod	Stroke	Retraction length	Weight
FZ-CY-80/40X275-625	Steering Cylinder	∅ 80	∅ 40	275mm	625mm	19KG



EAST AI MACHINERY CO., LIMITED

Manufacturer and exporter of Aluminum Pipe, Honed Tube, Chrome Bar, Hydraulic Cylinder.

Usage of agricultrual loader

Main Usage: Used for crops collection and transportation

Types of Hydraulic Cylinders for Agricultural Loader

Tilt Cylinder	Used to flip the bucket
Lift Cylinder	Used to lift the bucket

Lift Cylinder



Tilt Cylinder



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Manufacturer and exporter of Aluminum Pipe, Honed Tube, Chrome Bar, Hydraulic Cylinder.

Introduction of Hydraulic Cylinders for Agricultural Loader



01

The seals are from imported brand. With stable and reliable performance, the seals can meet the impact and variable load conditions.

02

The front connectors are processed by forging, which have good appearance and strong mechanical strength. The reliability of cylinders is also improved.

03

We reduce the cylinder cost by standardization and modularization and this makes the cylinder reliable.

04

Advanced welding technology can extend the lifetime of cylinders.

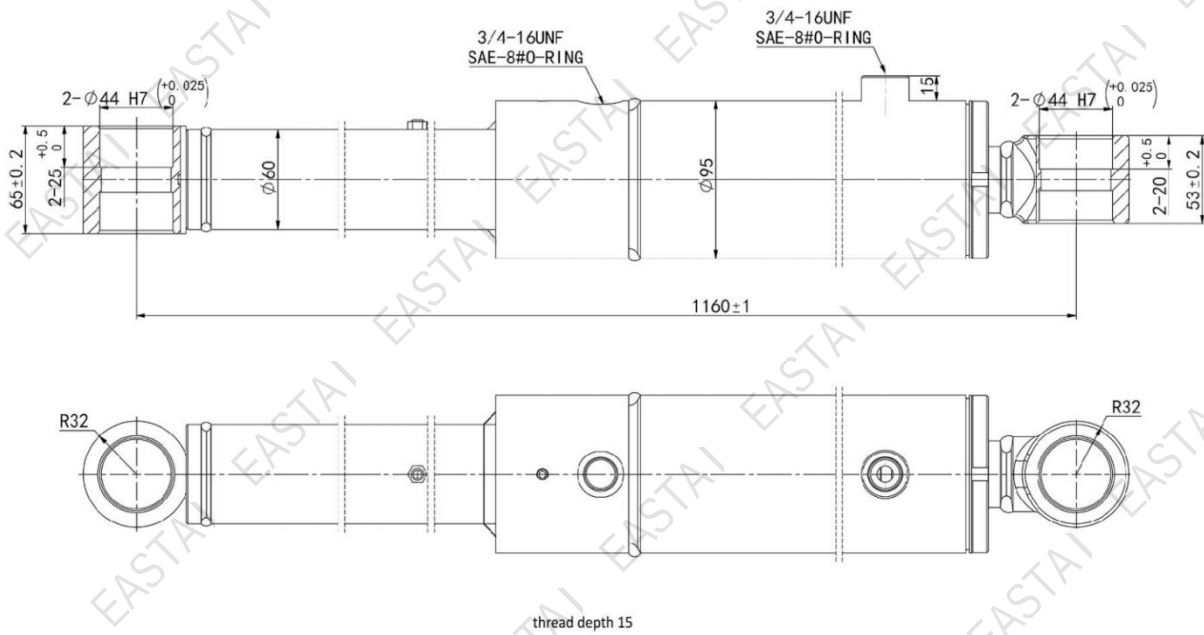
EAST AI MACHINERY CO., LIMITED

Manufacturer and exporter of Aluminum Pipe, Honed Tube, Chrome Bar, Hydraulic Cylinder.

Basic Parameters of Hydraulic Cylinders for Agricultural Loader

Tilt Cylinder: Used to flip the bucket

Standard code	Name	Bore	Rod	Stroke	Retraction length	Weight
FZ-NJ-80/40X410-1160	Tilt Cylinder	∅ 80	∅ 40	410mm	1160mm	30KG



EAST AI MACHINERY CO., LIMITED

Manufacturer and exporter of Aluminum Pipe, Honed Tube, Chrome Bar, Hydraulic Cylinder.

Lift Cylinder: Used to lift the bucket

Standard code	Name	Bore	Rod	Stroke	Retraction length	Weight
FZ-NJ-80/45X560-810	Lift Cylinder	∅ 80	∅ 45	560mm	810mm	25.7KG

