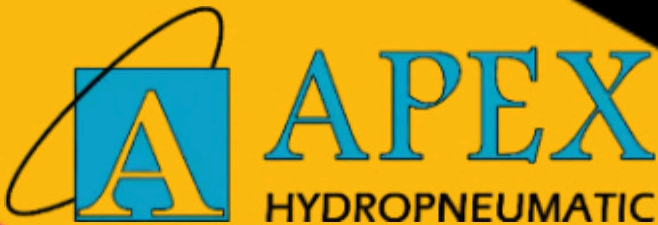


HYDRAULIC JACKS



Our Location

**Apex Hydropneumatic
D / 49 - B, Diamond Park,
Opp. Gujarat Agro, N. H. 8,
B/H Ruby Rushi, G.I.D.C Estate,
Naroda, Ahmedabad - 382330,
Gujarat, India**

Email : apex_dinesh@ymail.com

Website : www.apexhydropneumatic.com

Contact No. : +91 9824167178 , +91 9409210692

Apex Hydraulic Jack and Lifting Products

Apex hydraulic Jacks are available in hundreds of different configurations. Whatever the industrial application___ lifting, pushing, pulling, bending, holding___ whatever the force capacity, stroke length, or size restrictions... single- or double - acting, solid or hollow plunger, you can be sure that Apex has the Jack to suit your high force application



High Quality Inner Seal Technology

The exclusive Seal is a unique type of design on all Hydraulic Jack which absorbs eccentric load stresses to protect your Jack against abrasion, over-extending or plunger blow-outs and jamming or top-end mushrooming.

As a result, Jacks provide long, trouble-free operation



Heavy-duty Return Spring

Pre-tensioned return spring improves retraction performance, reducing retraction times.

Easy assembly and disassembly

External access to fasteners requires only standard shop tools for simplified maintenance

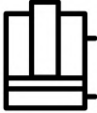
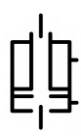
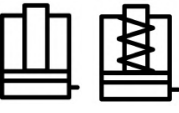
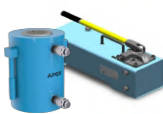


Unique Bearing System

Bearing design surrounds seal of longer stroke models for improved life and reduced bearing loads. Bearing surface area increases side-load resistance and significantly improves Jack life.



Jacks And Lifting Products Section Overview

Capacity (Tons)	Stroke Range (Inch)	Jack Type and Functions	Series		Page
5 - 100	2 - 14	Single Acting Jacks, General Purpose 	SA		4
10 - 500	2 - 48	Double Acting Jacks, Most Versatile 	DA		7
5 - 100	0.5 - 2	Low Height Jacks, Single Acting 	LH		10
10 - 100	2 - 12	Hollow Plunger Jacks, Single Acting 	PSA		12
30 - 150	2 - 10	Hollow Plunger Jacks, Double Acting 	PDA		14
150 - 500	2 - 12	High Tonnage Jacks, Single Acting 	HSA		16
150 - 500	2 - 12	High Tonnage Jacks, Double Acting 	HDA		18
---	---	Jack And Hand Pump Set	---		20
---	---	Jack And Hydraulic Power – Pack Set	---		21
---	---	Custom Made Ordering Of Jacks	---		22

★ All capacities and sizes are theoretical and may vary depending on jack condition and application.

★ Jack Designs are also subject to change due to continual improvement purpose.

Single Acting Jacks

SA - Series, General Purpose, Spring Return



SA - Series

Capacity :

5 - 100 Ton

Stroke :

2 - 14 inches

Maximum Operating Pressure :

700 bar

Colour :

As per requirement

Mounting :

As per requirement

- Unique seal technology , reduces wear , extending life of jack
- Designed for use in all positions
- High strength alloy steel for durability
- Heavy-duty, pretensioned spring improves retraction speed
- Hard chrome plated piston rod protects against corrosion and damage
- Plunger wiper reduces contamination, extending jack life.
- Wide range of accessories available that mount onto the piston rod, collar, or base.

 Quick Selection Table

Cylinder Capacity Ton	Stroke (Inch)	Model Number	Collapsed Height (Inch)	Extended Height (Inch)
5	2	SA - 52	5	7
	3	SA - 53	6	9
	4	SA - 54	7	11
	5	SA - 55	8	13
	6	SA - 56	9	15
	7	SA - 57	10	17
	8	SA - 58	11	19
	9	SA - 59	12	21
	10	SA - 510	16	26
10	2	SA - 102	5	7
	3	SA - 103	6	9
	4	SA - 104	7	11
	5	SA - 105	8	13
	6	SA - 106	9	15
	7	SA - 107	10	17
	8	SA - 108	11	19
	9	SA - 109	12	21
	10	SA - 1010	13	23
	12	SA - 1012	16	28
	14	SA - 1014	18	32
20	1	SA - 201	5	6
	2	SA - 202	6	8
	3	SA - 203	7	10
	4	SA - 204	8	12
	5	SA - 205	9	14
	6	SA - 206	10	16
	7	SA - 207	11	18
	8	SA - 208	13	22
	10	SA - 2010	14	24
	12	SA - 2012	17	29
	14	SA - 2014	18	32
25	1	SA - 251	5	6
	2	SA - 252	6	8
	4	SA - 254	8	12
	6	SA - 256	10	16
	8	SA - 258	12	20
	10	SA - 2510	14	24
	12	SA - 2512	16	28
	14	SA - 2514	18	32

30	2	SA - 302	5	7
	3	SA - 303	6	9
	4	SA - 304	8	12
	5	SA - 305	9	14
	6	SA - 306	10	16
	7	SA - 307	12	19
	8	SA - 308	15	23
	10	SA - 3010	17	27
	12	SA - 3012	18	30
50	2	SA - 502	5	7
	3	SA - 503	7	10
	4	SA - 504	8	12
	5	SA - 505	10	15
	6	SA - 506	11	17
	7	SA - 507	12	19
	8	SA - 508	13	22
	12	SA - 5012	17	29
	13	SA - 5013	18	31
75	6	SA - 756	11	17
	13	SA - 7513	19	32
100	1	SA - 1001	5	6
	2	SA - 1002	7	9
	3	SA - 1003	8	11
	4	SA - 1004	9	13
	5	SA - 1005	11	16
	6	SA - 1006	12	18
	8	SA - 1008	14	22
	10	SA - 10010	18	28
	12	SA - 10012	20	32

- ★ Mounting Accessories are available for Jack such as Clevis , Flange , Lock- nut or as per requirement.
- ★ Custom sizes and capacities are available on request.
- ★ Flat , Grooved and Tilt Saddles are available as standard .
- ★ All Jacks can be ordered in sets for hassle - free operations (Jack , Pressure Gauge , Hose Pipe , Couplers , Hand Pump or Power Pack)

Double Acting Jacks

DA - Series, General Purpose



DA - Series

Capacity :

10 - 500 Tons

Stroke :

2 - 48 inches

Maximum Operating Pressure :

700 bar

Colour :

As per requirement

Mounting :

As per requirement

Most Versatile Performers

- Collar threads, plunger threads and base mounting holes for easy fixturing
- Hard chrome plated piston rod for increased corrosion resistance
- Removable hardened saddles protect plunger during lifting and pressing
- Built-in safety valve prevents accidental over-pressurization
- Plunger wiper reduces contamination, extending jack life.
- Retract under hydraulic power for faster operation

Double Acting Jacks

Tonnage Range : 10 - 500

DA
Series

Quick Selection Table

Cylinder Capacity Ton	Stroke (Inch)	Model Number	Collapsed Height (Inch)	Extended Height (Inch)
10	10	DA - 1010	16	26
	12	DA - 1012	18	30
30	8	DA - 308	15	23
	14	DA - 3014	21	35
50	6	DA - 506	13	19
	13	DA - 5013	20	33
	20	DA - 5020	28	48
75	6	DA - 756	13	19
	13	DA - 7513	20	33
100	7	DA - 1007	14	21
	13	DA - 10013	20	33
	18	DA - 10018	27	45
150	2	DA - 1502	8	10
	6	DA - 1506	15	21
	13	DA - 15013	22	35
	32	DA - 15032	44	76
200	6	DA - 2006	17	23
	13	DA - 20013	24	37
	18	DA - 20018	30	48
	24	DA - 20024	36	60
	36	DA - 20036	48	84
	48	DA - 20048	60	108
300	6	DA - 3006	19	25
	12	DA - 30012	25	37
	18	DA - 30018	31	49
	24	DA - 30024	37	61
	36	DA - 30036	49	85
	48	DA - 30048	61	109
400	6	DA - 4006	21	27
	12	DA - 40012	27	39
	18	DA - 40018	33	51
	24	DA - 40024	39	63

	36	DA - 40036	51	87
	48	DA - 40048	63	111
500	6	DA - 5006	23	29
	12	DA - 50012	29	41
	18	DA - 50018	35	53
	24	DA - 50024	41	65
	36	DA - 50036	53	89
	48	DA - 50048	65	113

- ★ Mounting Accessories are available for Jack such as Clevis , Flange , Lock- nut or as per requirement.
- ★ Custom sizes and capacities are available on request.
- ★ Flat , Grooved and Tilt Saddles are available as standard .
- ★ All Jacks can be ordered in sets for hassle - free operations (Jack , Pressure Gauge , Hose Pipe , Couplers , Hand Pump or Power Pack)

LH - Series, Low Height Jacks, Single Acting



LH - Series

Capacity :

5 - 100 Tons

Stroke :

0.5 - 2 inches

Maximum Operating Pressure :

700 bar

Colour :

As per requirement

Mounting :

As per requirement

Ideal for low clearance

- **Unique Heavy-duty spring provides fast piston return on all jacks**
- **Extreme low height for use in confined areas**
- **Hard chrome plated piston rod increases corrosion resistance and gives superior bearing support**
- **Overflow port as stroke limiter to prevent plunger blow-out**
- **Single-acting, Spring return**



Quick Selection Table

Cylinder Capacity Ton	Stroke (Inch)	Model Number	Collapsed Height (Inch)	Extended Height (Inch)
5	0.5	LH - 505	2	2.5
	1	LH - 51	3.5	4.5
	1.5	LH - 515	4	5.5
	2	LH - 52	4.5	6.5
10	1.5	LH - 1015	4	5.5
20	1.5	LH - 2015	4	5.5
	1.75	LH - 20175	4	5.75
30	1	LH - 301	4	5
	1.5	LH - 3015	4.5	6
50	1	LH - 501	4	5
	1.5	LH - 5015	4.5	6
100	0.5	LH - 10005	4.5	5
	1.5	LH - 10015	5.5	7

- ★ Mounting Accessories are available for Jack such as Clevis , Flange , Lock- nut or as per requirement.
- ★ Custom sizes and capacities are available on request.
- ★ Flat , Grooved and Tilt Saddles are available as standard .
- ★ All Jacks can be ordered in sets for hassle - free operations (Jack , Pressure Gauge , Hose Pipe , Couplers , Hand Pump or Power Pack)

PSA - Series, Hollow Plunger Jacks, Single Acting



PSA - Series

Capacity :

10 - 100 Tons

Stroke :

2 - 12 inches

Maximum Operating Pressure :

700 bar

Colour :

As per requirement

Mounting :

As per requirement

- Plunger hole diameter will be provided according to the requirements
- Versatility in Testing, Maintenance and Tensioning Applications
- Collar threads for easy fixturing
- Hollow plunger design allows for both, pull and push forces
- Nickel-plated, floating center tube increases product life
- Hard chrome plated rod for increased corrosion resistance
- Single-acting, spring return.

Quick Selection Table

Cylinder Capacity Ton	Stroke (Inch)	Model Number	Collapsed Height (Inch)	Extended Height (Inch)
10	2	PSA - 102	6	8
	3	PSA - 103	7	10
	4	PSA - 104	8	12
	6	PSA - 106	10	16
20	2	PSA - 202	8	10
	6	PSA - 206	11	17
30	2	PSA - 302	7	9
	4	PSA - 304	9	13
	6	PSA - 306	13	19
	12	PSA - 3012	18	30
50	2	PSA - 502	6	8
	3	PSA - 503	9	12
	4	PSA - 504	11	15
	6	PSA - 506	13	19
100	3	PSA - 1003	10	13
	6	PSA - 1006	13	19

- ★ Mounting Accessories are available for Jack such as Clevis , Flange , Lock- nut or as per requirement.
- ★ Custom sizes and capacities are available on request.
- ★ All Jacks can be ordered in sets for hassle - free operations (Jack , Pressure Gauge , Hose Pipe , Couplers , Hand Pump or Power Pack)

PDA - Series, Hollow Plunger Jacks, Double Acting



PDA - Series

Capacity :

30 - 150 Tons

Stroke :

2 - 10 inches

Maximum Operating Pressure :

700 bar

Colour :

As per requirement

Mounting :

As per requirement

- Plunger hole diameter will be provided according to the requirements
- Versatility in Testing, Maintenance and Tensioning Applications
- Collar threads for easy fixturing
- Hollow plunger design allows for both, pull and push forces
- Nickel-plated, floating center tube increases product life
- Hard chrome plated piston rod for increased corrosion resistance
- Double-acting version for fast retraction
- Relief valves prevent damage in case of over-pressurisation



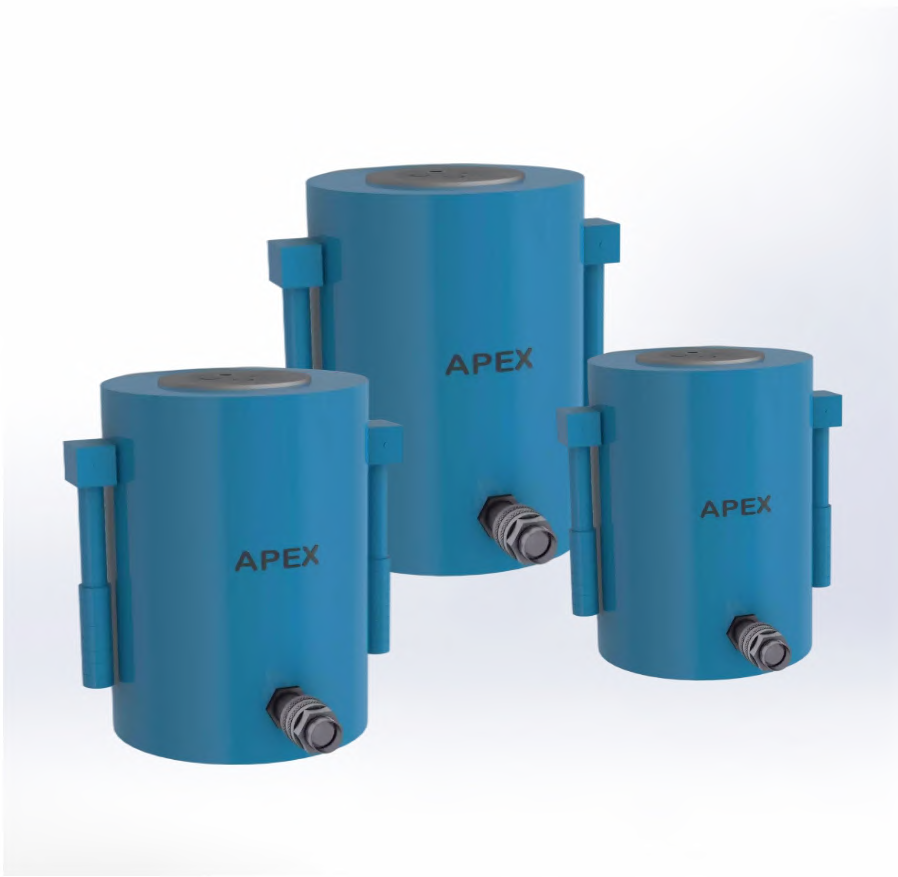
Quick Selection Table

Cylinder Capacity Ton	Stroke (Inch)	Model Number	Collapsed Height (Inch)	Extended Height (Inch)
30	7	PDA - 307	13	20
	10	PDA - 3010	17	27
60	4	PDA - 604	10	14
	7	PDA - 607	13	20
	10	PDA - 6010	17	27
100	2	PDA - 1002	8	10
	3	PDA - 1003	10	13
	6	PDA - 1006	14	20
	10	PDA - 10010	18	28
150	8	PDA - 1508	14	22

- ★ Mounting Accessories are available for Jack such as Clevis , Flange , Lock- nut or as per requirement.
- ★ Custom sizes and capacities are available on request.
- ★ All Jacks can be ordered in sets for hassle - free operations (Jack , Pressure Gauge , Hose Pipe , Couplers , Hand Pump or Power Pack)

High Tonnage Single Acting Jacks

HSA - Series, Heavy Lifting, Spring / Load Return



HSA - Series

Capacity :

150 - 500 Tons

Stroke :

2 - 12 inches

Maximum Operating Pressure :

700 bar

Colour :

As per requirement

Mounting :

As per requirement

- Single-acting, spring / load return jacks
- Hardened surface resists side-loading and cyclic wear
- Sealing technology provides lubrication to reduce friction and wear
- Stop ring to prevent plunger blow-out
- Weather protected, inside and out
- Upper and lower replaceable bearings enclose the cylinder plunger for support throughout the stroke
- Certified lifting eyes, base mounting holes and collar threads.

Quick Selection Table

Cylinder Capacity Ton	Stroke (Inch)	Model Number	Collapsed Height (Inch)	Extended Height (Inch)
150	2	HSA - 1502	8	10
	4	HSA - 1504	10	14
	6	HSA - 1506	12	18
	8	HSA - 1508	14	22
	10	HSA - 15010	16	26
	12	HSA - 15012	18	30
200	2	HSA - 2002	8	10
	3	HSA - 2003	10	13
	5	HSA - 2005	12	17
	6	HSA - 2006	14	20
	8	HSA - 2008	16	24
	10	HSA - 20010	18	28
	12	HSA - 20012	20	32
250	2	HSA - 2502	12	14
	6	HSA - 2506	16	22
	12	HSA - 25012	22	34
300	2	HSA - 3002	12	14
	6	HSA - 3006	15	21
	10	HSA - 30010	18	28
	12	HSA - 30012	22	34
400	2	HSA - 4002	14	16
	6	HSA - 4006	18	24
	8	HSA - 4008	21	29
	12	HSA - 40012	24	36
500	2	HSA - 5002	14	16
	4	HSA - 5004	16	20
	6	HSA - 5006	18	24
	8	HSA - 5008	20	28
	12	HSA - 50012	25	27

- ★ Mounting Accessories are available for Jack such as Clevis , Flange , Lock- nut or as per requirement.
- ★ Custom sizes and capacities are available on request.
- ★ Flat , Grooved and Tilt Saddles are available as standard .
- ★ All Jacks can be ordered in sets for hassle - free operations (Jack , Pressure Gauge , Hose Pipe , Couplers , Hand Pump or Power Pack)

HDA - Series, High Tonnage Jacks, Double Acting



HDA - Series

Capacity :

150 - 500 Ton

Stroke :

2 - 12 inches

Maximum Operating Pressure :

700 bar

Colour :

As per requirement

Mounting :

As per requirement

- Double - Acting, Fast advance and retract
- Hardened surface resists side-loading and cyclic wear
- Sealing technology provides lubrication to reduce friction and wear
- Weather protected, inside and out
- Upper and lower replaceable bearings enclose the jack plunger for support throughout the stroke
- Certified lifting eyes, base mounting holes and collar threads.

Quick Selection Table

Cylinder Capacity Ton	Stroke (Inch)	Model Number	Collapsed Height (Inch)	Extended Height (Inch)
150	2	HDA - 1502	8	10
	4	HDA - 1504	10	14
	6	HDA - 1506	12	18
	8	HDA - 1508	14	22
	10	HDA - 15010	16	26
	12	HDA - 15012	18	30
200	2	HDA - 2002	8	10
	3	HDA - 2003	10	13
	5	HDA - 2005	12	17
	6	HDA - 2006	14	20
	8	HDA - 2008	16	24
	10	HDA - 20010	18	28
	12	HDA - 20012	20	32
250	2	HDA - 2502	12	14
	6	HDA - 2506	16	22
	12	HDA - 25012	22	34
300	2	HDA - 3002	12	14
	6	HDA - 3006	15	21
	10	HDA - 30010	18	28
	12	HDA - 30012	22	34
400	2	HDA - 4002	14	16
	6	HDA - 4006	18	24
	8	HDA - 4008	21	29
	12	HDA - 40012	24	36
500	2	HDA - 5002	14	16
	4	HDA - 5004	16	20
	6	HDA - 5006	18	24
	8	HDA - 5008	20	28
	12	HDA - 50012	25	27

★ Mounting Accessories are available for Jack such as Clevis , Flange , Lock- nut or as per requirement.

★ Custom sizes and capacities are available on request.

★ Flat , Grooved and Tilt Saddles are available as standard .

★ All Jacks can be ordered in sets for hassle - free operations (Jack , Pressure Gauge , Hose Pipe , Couplers , Hand Pump or Power Pack)

Jack and Hand Pump set



**The quickest and easiest
way to start working
right away**

- Optimum match of individual components
- All sets are ready to use and include :
 - Selected Jack Model,
 - Hand pump (Single Speed or Two Speed as per selected Jack),
 - 2 Meter Hose Pipe (As Standard, long hoses are available on request)
 - Calibrated Pressure Guage with Guage adaptor
- Single Speed and Double Speed hand pumps are for use with single acting and Double acting cylinders respectively.



Jack and Hydraulic Power - Pack set



**Ideal for all type of
small to heavy duty operations
with High Standard
Apex Hydraulic Power - Pack**

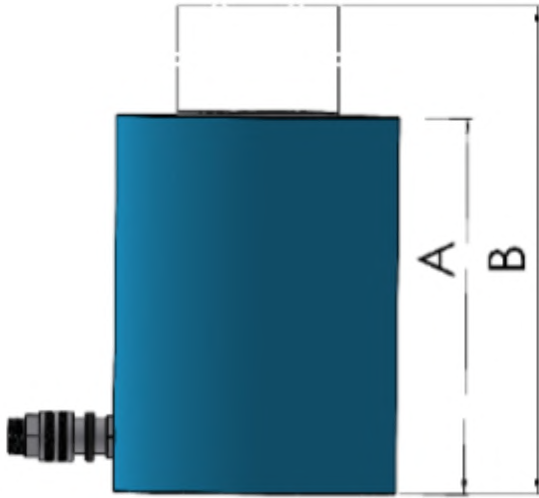
- Optimum match of individual components
- Hydraulic Power - Pack with Upto 5 HP motor (Three phase) and Upto 3 HP (Single phase), Hose Pipe as per requirement
- Calibrated Pressure Guage with Guage adaptor comes as standard
- All models come with metal reservoir as per required size
- For use with any duty Single - Acting or Double - Acting Jacks at operating pressure upto 700 bars
- Can operate multiple Jacks at the same time
- All units are equipped with Pressure relief valve, Hand lever valve and radial plunger pump for hassle - free operations



Custom made ordering of Jacks

For Single Acting Jacks

- Collapsed Height (A)
- Extended Height (B)
- Capacity
- Mounting details and other accessories required
- For Hollow Plunger specify the centre hole diameter



For Double Acting Jacks

- Collapsed Height (A)
- Extended Height (B)
- Capacity
- Mounting details and other accessories required
- For Hollow Plunger specify the centre hole diameter

