

FPS

Fixomech General Purpose- Plain Ram Spring Return – Single Acting

APPLICATION

These jacks are an excellent choice for maintenance, positioning bending, pressing, and production application. Ideal for a wide range of applications at Construction sites, Automobile, Shipyard, Mills, Railway workshops, Power plants and Industrial maintenance.

ADVANTAGES / FEATURES

- Heat treated alloy steel body for better life.
- Multipurpose Jack Used Horizontal & Vertical position.
- Maintenance, Fabrication, Construction, Heavy Industries, Power & Process Plants, Sugar Factories, Cement Factories, etc.
- Hard chrome-plated ram to resist scoring & corrosion.
- Single acting, spring return for smooth return.
- High-pressure long-life seals. Ram wiper protects dirt & foreign material entering cylinder which extends cylinder life.
- Bottom mounting holes, collar threading & tilting saddle are provided on request.
- Connection Port size 3/8-inch NPT.
- Refer Power Pack Page for more details.

FPS Series – F: Fixomech, P: Plain Rod, S: Single Acting Spring Return

Model	Cap. in (ton)	Cap. in (kN)	Stroke in (mm)	"A" Close Height	Effective area in (cm ²)	Oil Cap in (cc)	"B" Cylinder OD	"C" Cyl Bore ID	"D" Ram dia.	"E" Saddle dia.	wt. Approx. in kg
FPS 10-100	10	111	100	185	15.9	159	60	45	35	35	3.2
FPS 10-150	10	111	150	235	15.9	239	60	45	35	35	4.0
FPS 15-100	15	167	100	190	23.8	238	70	55	45	43	5.2
FPS 15-150	15	167	150	240	23.8	356	70	55	45	43	6.3
FPS 20-100	20	218	100	195	31.2	312	80	63	50	48	6.7
FPS 20-150	20	218	150	245	31.2	468	80	63	50	48	8.1
FPS 25-100	25	270	100	205	38.5	385	90	70	55	53	9.0
FPS 25-150	25	270	150	255	38.5	577	90	70	55	53	10.8
FPS 30-100	30	309	100	210	44.2	442	100	75	60	58	11.3
FPS 30-150	30	309	150	260	44.2	663	100	75	60	58	13.6
FPS 50-100	50	550	100	225	78.5	785	130	100	80	78	20.5
FPS 50-150	50	550	150	275	78.5	1178	130	100	80	78	24.5
FPS 75-100	75	792	100	230	113.1	1131	155	120	95	93	29.5
FPS 75-150	75	792	150	280	113.1	1696	155	120	95	93	35.0
FPS 100-100	100	1077	100	235	153.9	1539	180	140	110	108	40.5
FPS 100-150	100	1077	150	285	153.9	2309	180	140	110	108	48.0
FPS 150-100	150	1589	100	250	227.0	2270	220	170	140	138	65.5
FPS 150-150	150	1589	150	300	227.0	3405	220	170	140	138	77.0
FPS 200-100	200	2199	100	265	314.2	3142	255	200	160	158	91.0
FPS 200-150	200	2199	150	315	314.2	4712	255	200	160	158	106.5
FPS 250-100	250	2661	100	270	380.1	3801	280	220	180	177	114
FPS 250-150	250	2661	150	320	380.1	5702	280	220	180	177	133
FPS 300-100	300	3167	100	285	452.4	4524	310	240	200	196	149

FPS 300-150	300	3167	150	335	452.4	6786	310	240	200	196	173
FPS 400-100	400	4008	100	315	572.6	5726	350	270	220	216	209
FPS 400-150	400	4008	150	365	572.6	8588	350	270	220	216	239

FPS-T Series – F: Fixomech, P: Plain Rod, S: Single Acting Spring Return,

T: Collar threading with bottom mounting holes

Model	"G" Ram Internal Threading	"H" Threading Depth	"J" Collar Threading	"K" C T Length	"L" Bottom Mounting HOLES & PCD	"M" Bottom Threading Size	Threaded Depth
FPS-T 10	M22 X 2P	17	M60 X 2P	30	40 X 2	M8	12
FPS-T 15	M22 X 2P	20	M70 X 2P	30	45 X 2	M8	12
FPS-T 20	M24 X 2P	25	M80 X 2P	35	55 X 2	M8	12
FPS-T 25	M24 X 2P	25	M90 X 2P	40	60 X 2	M10	16
FPS-T 30	M30 X 2P	25	M100 X 3P	40	65 X 2	M10	16
FPS-T 50	M42 X 2P	25	M130 X 3P	40	90 X 2	M10	16
FPS-T 75	M48 X 2P	25	M155 X 3P	40	110 X 2	M10	16
FPS-T 100	M48 X 2P	25	M180 X 3P	40	125 X 4	M12	16
FPS-T 150	M82 X 2P	25	M220 X 3P	50	150 X 4	M16	18
FPS-T 200	M90 X 2P	25	M255 X 3P	50	180 X 4	M16	22