

FPS-S

Fixomech General Purpose- Plain Ram Spherical Saddle 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, Mills, Railway workshops, Power plants and Industrial maintenance.

ADVANTAGES / FEATURES

- Multipurpose Jack.
- Heat treated alloy steel body for better life.
- Hard chrome-plated ram to resist scoring & corrosion.
- Single acting, Spring return for smooth return.
- Maintenance, Fabrication, Construction, Heavy Industries, Power & Process Plants, Sugar Factories, Cement Factories, etc.
- High-pressure long-life seals. Ram wiper protects dirt & foreign material entering cylinder which extends cylinder life.
- Spherical Saddle reduces damage to jack against off-centre load

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

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-S 10-100	10	111	100	195	15.9	159	60	45	35	35	3.4
FPS-S 10-150	10	111	150	245	15.9	239	60	45	35	35	4.2
FPS-S 15-100	15	167	100	205	23.8	238	70	55	45	43	5.4
FPS-S 15-150	15	167	150	255	23.8	356	70	55	45	43	6.5
FPS-S 20-100	20	218	100	210	31.2	312	80	63	50	48	7
FPS-S 20-150	20	218	150	260	31.2	468	80	63	50	48	8.3
FPS-S 25-100	25	270	100	220	38.5	385	90	70	55	48	9.1
FPS-S 25-150	25	270	150	270	38.5	577	90	70	55	48	10.9
FPS-S 30-100	30	309	100	225	44.2	442	100	75	60	55	11.5
FPS-S 30-150	30	309	150	275	44.2	663	100	75	60	55	13.8
FPS-S 50-100	50	550	100	240	78.5	785	130	100	80	75	21
FPS-S 50-150	50	550	150	290	78.5	1178	130	100	80	75	25
FPS-S 75-100	75	792	100	255	113.1	1131	155	120	95	88	30.8
FPS-S 75-150	75	792	150	305	113.1	1696	155	120	95	88	36.4
FPS-S 100-100	100	1077	100	255	153.9	1539	180	140	110	100	41.5
FPS-S 100-150	100	1077	150	305	153.9	2309	180	140	110	100	49.0
FPS-S 150-100	150	1589	100	275	227.0	2270	220	170	140	130	67.5
FPS-S 150-150	150	1589	150	325	227.0	3405	220	170	140	130	79.4
FPS-S 200-100	200	2199	100	290	314.2	3142	255	200	160	150	94
FPS-S 200-150	200	2199	150	340	314.2	4712	255	200	160	150	109
FPS-S 250-100	250	2661	100	305	380.1	3801	280	220	180	165	109
FPS-S 250-150	250	2661	150	355	380.1	5702	280	220	180	165	138
FPS-S 300-100	300	3167	100	320	452.4	4524	310	240	200	180	155
FPS-S 300-150	300	3167	150	370	452.4	6785	310	240	200	180	179
FPS-S 400-100	400	4008	100	355	572.6	5926	350	270	220	210	220

FPS-S 400-150	400	4008	150	405	572.6	8588	350	270	220	210	250
FPS-S 500-150	500	4948	150	415	706.9	10630	400	300	250	230	335.5
FPS-S 500-200	500	4948	200	465	706.9	14137	400	300	250	230	376

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

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-ST 10	M22 X 2P	17	M60 X 2P	30	40 X 2	M8	12
FPS-ST 15	M22 X 2P	20	M70 X 2P	30	45 X 2	M8	12
FPS-ST 20	M24 X 2P	25	M80 X 2P	35	55 X 2	M8	12
FPS-ST 25	M24 X 2P	25	M90 X 2P	40	60 X 2	M10	16
FPS-ST 30	M30 X 2P	25	M100 X 3P	40	65 X 2	M10	16
FPS-ST 50	M42 X 2P	25	M130 X 3P	40	90 X 2	M10	16
FPS-ST 75	M48 X 2P	25	M155 X 3P	40	110 X 2	M10	16
FPS-ST 100	M48 X 2P	25	M180 X 3P	40	125 X 4	M12	16
FPS-ST 150	M82 X 2P	25	M220 X 3P	50	150 X 4	M16	18
FPS-ST 200	M90 X 2P	25	M255 X 3P	50	180 X 2	M16	22