

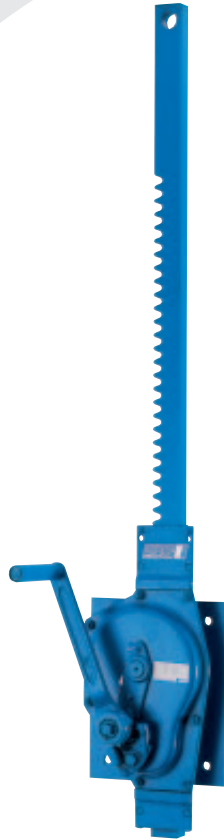
Rack and Pinion Jacks

Container Jack

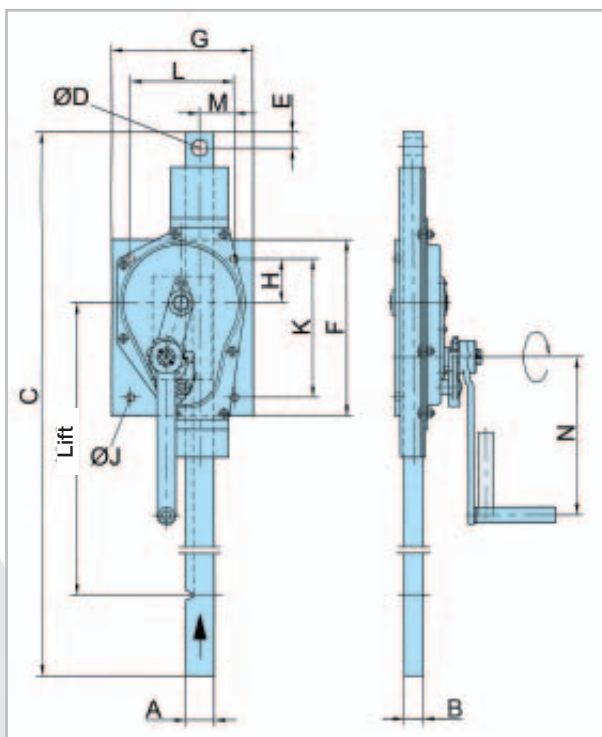
Container Jack CZW Rack and Pinion Jack 3 ton with mounting plate

The precision of our CZW is unbeatable – it does not only perfectly open container lids but also show new ways of rentability. Precise toothing of all gear parts leads to high efficiency at low crank forces. The safety crank for safe lifting force and the high precision of the mounting plates are further evidence of our CZW offering a long service life!

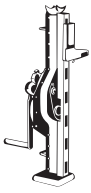
Pfaff-silberblau quality made in Germany! Available at short notice and guaranteed spare parts availability assists you in playing safe!



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Art. No.		030056510
Lifting capacity	t	3
Lifting height	mm	800
Rack length	mm	1265
Req. crank force	daN	28
Lift each crank turn	mm	8,6
Cross section		45/30
Weight	kg	22
A	mm	45
B	mm	30
C	mm	1265
Ø D	mm	26
E	mm	25
F	mm	280
G	mm	225
H	mm	70
Ø J	mm	12,5
K	mm	220
L	mm	165
M	mm	55
N	mm	250



Rack and Pinion Jacks

Sluice Gate Jack

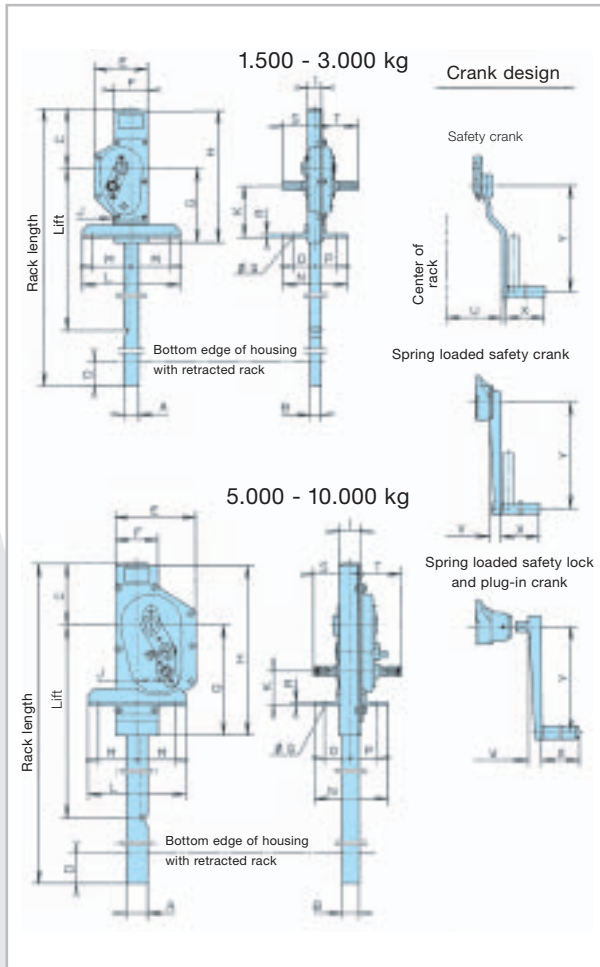


Sluice Gate Jack SCH-W

Only one jack is closing and opening the shutter in such a way – the sluice gate jack SCH-W – the reliable one among the tested products. This is guaranteed by the spur gear with formed gearwheels, precisely milled crank gear, crank gear, medium and rack pinions... but unique: only Pfaff-silberblau has developed a spring-loaded safety crank which safely provides permanent pressure when required.

All winches are equipped with adequate reserves and are optimally suitable for vehicle and machinery construction. Numerous options are available to suit your specific requirements.

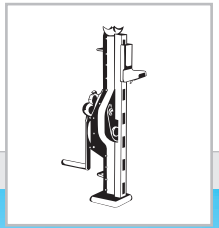
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Art. No.		030029130	030030139	030031135	030030218
Crank type		Sifeku	Sifeku	Sifeku	Siku
Lifting capacity	t	1,5	3	5	10
Pressure force *	t	1	2	3	6
Rack length	mm	1200	1250	1350	1550
Lift	mm	800	800	900	1000
Weight	kg	18	25	32	56
A	mm	35	45	50	60
B	mm	25	30	40	50
C	mm	140	160	145	165
D	mm	85	60	45	65
E	mm	125	204	189	235
F	mm	78	92	100	112
G	mm	175	230	260	320
H	mm	310	395	400	480
I	mm	33,5	39,5	51	59
J	mm	43,3	53,1	69,5	88,3
K	mm	121	138	81	84
L	mm	230	230	230	290
M	mm	90	90	90	115
N	mm	153	158	173	183
O	mm	52,5	55	61	66
P	mm	52,5	55	64	70
QØ	mm	14	14	14	14
R	mm	7	7	7	8
S	mm	76,5	85,5	88	100
T	mm	100,5	108,5	120	140
U	mm	113	121	132	185
V	mm	86	94	105	-
W	mm	136	144	155	-
X	mm	130	130	130	250
Y	mm	250	250	250	300

* Load case II according to Euler – the press. force will be reduced with higher lift

Rack and Pinion Jacks

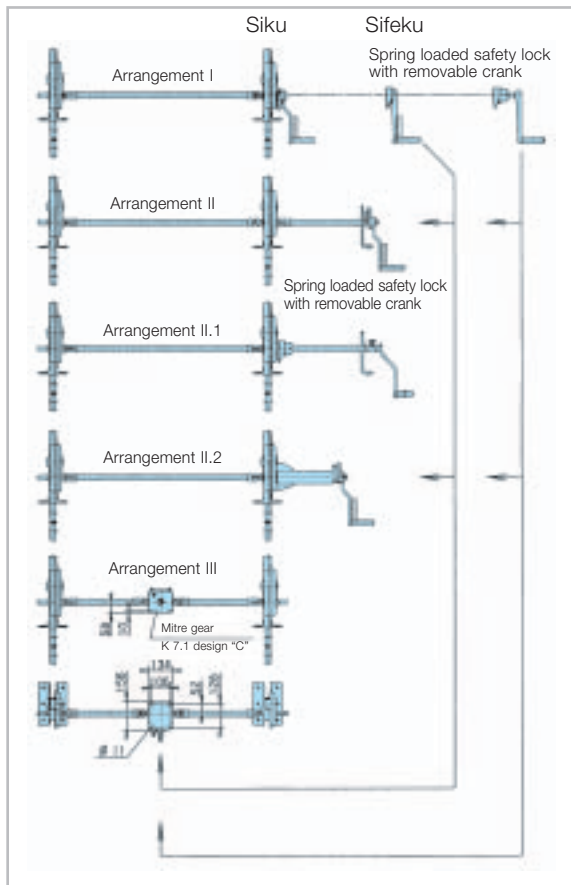


Sluice Gate Jack Systems w. rack and pinion drive

Sluice Gate Jack Systems SCH-W AZ with rack and pinion drive

Being important in the field of water power, agriculture or plant engineering means to have the right equipments: best using the sluice gate jack system SCH-W AZ. Slide-lacquer-treated racks made of solid material, spur gears with high efficiency, low expenditure of force due to optimum transmission, smooth

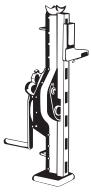
lift as well as exactly toothed gear parts – these are the typical properties for the enormous technical know-how of Pfaff-silberblau even in terms of conception and consultation. Pfaff-silberblau offers different crank types and layouts in combination with numerous useful options.



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Art. No.		030082139	030083135	030084131	030085081
Crank type		Sifeku	Sifeku	Sifeku	Siku
Lifting capacity	t	1,5	3	5	10
Pressure force *	t	1,5	3	5	10
Rack length	mm	1200	1250	1350	1550
Lift	mm	800	800	900	1000
Rack cross-section	mm	35/25	45/30	50/40	60/50
Weight of arrangement	kg	18	25	32	56

* load case II acc. to Euler – the press. force will be reduced with higher lift



Rack and Pinion Jacks

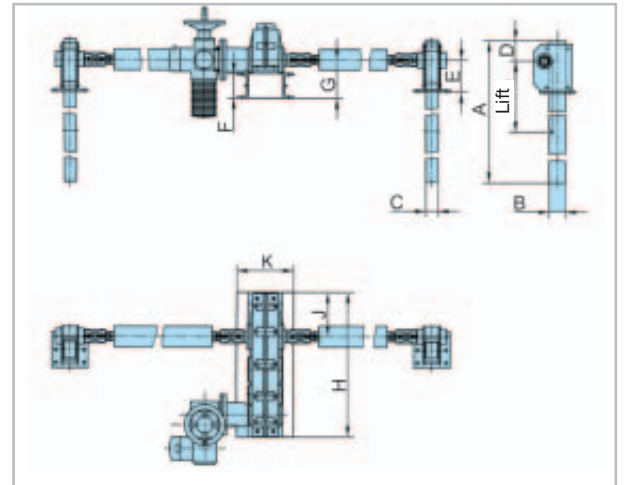
Sluice Gate Jack Arrangement

Motor-Driven Sluice Gate Jack Arrangements SCH-WW with enclosed rotary drive unit

Pfaff-silberblau sluice gate jack arrangements are installed crosswise to running water in order to control the water level i.e. the water flow by means of shutters. Sluice gate jack arrangements consist of 2 or more coupled racks for lifting capacities from 3 ton up to 12 tons. The high-quality rotary drive unit with integrated distance and torque stop is completely enclosed and ideal for the intended application. All Pfaff-silberblau sluice gate jack arrangements are equipped with slide-lacquer coated racks made of solid material (ST 70 or C

45) as well as pinions made of hardened chromium-manganese steel. As standard our sluice gate jack systems are equipped with corrosion protection (KS), protection class IP 65, stand-still heating and manual emergency drive, in order to guarantee long service-life with low susceptibility to failure.

Feel free to take the advice of Pfaff-silberblau in order to choose the optimum and most economic sluice gate jack arrangement.



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Art. No.		030087009	030088005	030089001	030090034
Lifting capacity	t	3	5	8	12
Pressure force	t	3	5	8	12
Spur gear design		G21	G45.1	G60.1	G90
Rack length	mm	1175	1600	2000	2000
Lift	mm	800	1200	1600	1600
Rack cross-section	mm	45/30	60/50	80/60	80/60
Rack center distance	mm	1200	1600	2000	2500
Weight	kg	125	190	318	320
A	mm	1175	1600	2000	2000
B	mm	45	60	80	80
C	mm	30	50	60	60
D	mm	100	100	100	100
E	mm	138	138	158	158
F	mm	U 80	U 80	U 120	U 120
G	mm	138	138	188	188
H	mm	410	510	710	710
J	mm	157	173	218	218
K	mm	200	235	280	280