

PSP50 | Spreader

Specifications			
article number			159.000.181
model			PSP50
short description			Spreader
max. working pressure	psi		10443
battery included			no
spreading distance	in		28.5
max. pulling force	lbf		15062
pulling distance	in		24
max. spreading force	lbf		82280
theoretical calculated spreading force	lbf		196708
min. spreading force (EN 13204)	lbf		12140
max. spreading force, 25mm/1in from the tip	lbf		28551
max. squeezing force	lbf		30349
protection rate			IP57
sound emission @ 1m/3.25ft	dB(A)		79
sound emission @ 4m/13ft	dB(A)		70
hydraulic oil type			ISO-L HV VG 36
weight, ready for use	lb		46.3
weight excl. battery	lb		43.0
temperature range	°F		-4 + 131
dimensions (AxBxC)	in		38 x 10.7 x 10.7
EN 13204 classification			AS54/725-21.0
EN 13204 compliant			yes
NFPA 1936, HPF	lbf		15062
NFPA 1936, HSF	lbf		20907
NFPA 1936, LPF	lbf		7419
NFPA 1936, LSF	lbf		11240
NFPA 1936 compliant			yes

Safety factors / tests	
hydraulic safety factor	2:1
endurance test tool	1000 cycles of opening and closing while arms are loaded
endurance test dead man's handle	6000 cycles

Required articles	
Battery PBPA287	151.000.583
Battery Charger PBCH2 (AC-US)	151.000.742
Battery Charger PBCH3 (DC)	151.000.632

