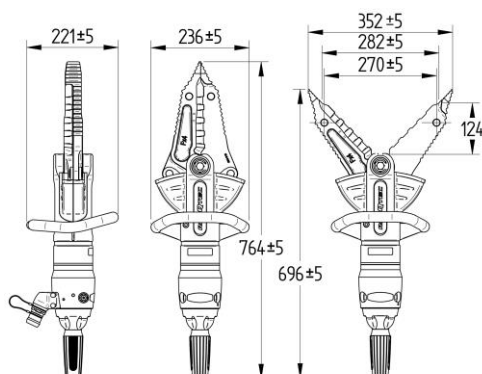


# TECHNICAL SPECIFICATIONS FRONTLINER FX4-Fj



## FRONTLINER FX4-Fj



Nominal working pressure	Optimized 350 bar	Optimized 350 bar
Tailhose safety factor	-	8:1 (2,800 bar)
Dimensions (L x W x H)	764 x 236 x 221 mm	764 x 236 x 221 mm
Operational weight	11.4 kg (±0.2kg)	12.6 kg (±0.2kg)
Max. cutting opening	282 mm	282 mm
Reach	124 mm	124 mm
Max. cutting force <sup>1</sup>	809 kN / 82.5 ton	809 kN / 82.5 ton
EN 13204 cutting capability	1I 2H 3I 4J 5I (H-class)	1I 2H 3I 4J 5I (H-class)
NFPA 1936 cutting capability	A6 B7 C6 D7 E6	A6 B7 C6 D7 E6
Round bar capability (S235 acc. to EN 13204)	36 mm	36 mm
Max. spreading opening	352 mm	352 mm
Spreading force at base of blade (last tooth) <sup>1</sup>	103 - 1080 kN / 10.5 - 108.4 ton	103 - 1080 kN / 10.5 - 108.4 ton
Spreading force 25 mm from tips	36.3 - 41.0 kN / 3.7 - 4.2 ton	36.3 - 41.0 kN / 3.7 - 4.2 ton
NFPA HSF	36.1 kN – 3.7 ton	36.1 kN – 3.7 ton
NFPA LSF	32.1 kN – 3.3 ton	32.1 kN – 3.3 ton
Max. pulling opening	270 mm	270 mm
Pulling force (in pulling eyes)	59.4 - 70.7 kN / 6.0 - 7.2 ton	59.4 - 70.7 kN / 6.0 - 7.2 ton
Squeezing force 25mm from tips	43.3 - 48.7 kN / 4.4 - 5.0 ton	43.3 - 48.7 kN / 4.4 - 5.0 ton
NFPA HPF	43.9 kN – 4.5 ton	43.9 kN – 4.5 ton
NFPA LPF	39.0 kN – 4.0 ton	39.0 kN – 4.0 ton
EN 13204 classification	CK36.3-352H-11.4	CK36.3-352H-12.6

## ACCESSORIES

Art. Nr.

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Art. Nr.

LED light USB add-on 9500.1010

Toolmat 3x2m 9330.0777

Chain & shackle set FX4-Fj 2305.5100

Toolmat 2x1.5m 9330.0778

<sup>1</sup>Maximum is a theoretical force that cannot be measured.

All forces with EN13204 certified power pack with pressure relief valves set conform EN13204 allowable pressure requirements



Information contained in this document is believed to be accurate. However RESQTEC does not guarantee the completeness or accuracy of any of the published information.

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**RESQTEC**






**CUTTING PERFORMANCE AS PER EN13204 TABLE 3 FOR CUTTERS AND COMBI TOOLS**

DU014K00

Manufacturer	<b>RESQTEC</b>
Tool name and type	<b>Fx4-Fj HYD FRONTLINER COMBI-TOOL</b>






CLAIMED CLASSIFICATION;

TYPE / DESIGNATION / CLASSIFICATION	MINIMUM SPREADING FORCE IN kN	NOMINAL CUTTER OPENING OR COMBITOOL SPREADING DISTANCE	CLASSIFICATION BASED ON MIN CUTTING PERFORMANCE	MASS in Kg (1 decimal accurate)	CUTTING PERFORMANCE
<b>CK</b>	<b>36.3</b>	<b>352</b>	<b>H</b>	<b>11.4</b>	<b>1I-2H-3I-4J-5I</b>

PROFILE TYPE →	1 Round bar	2 Flat bar	3 Round tube	4 Square tube	5 Rectangular tube
CATEGORY LETTER ↓					
A	≥ 14	30 x 5	21,3 x 2,3		
B	≥ 16	40 x 5	26,4 x 2,3		
C	≥ 18	50 x 5	33,7 x 2,6	35 x 3	
D	≥ 20	60 x 5	42,6 x 2,6	40 x 4	50 x 25 x 2,5
E	≥ 22	80 x 8	48,3 x 2,9	45 x 4	50 x 30 x 3,0
F	≥ 24	80 x 10	60,3 x 2,9	50 x 4	60 x 40 x 3,0
G	≥ 26	100 x 10	76,1 x 3,2	55 x 4	80 x 40 x 3,0
H	≥ 28	<b>110 x 10</b>	76,1 x 4,0	60 x 4	80 x 40 x 4,0
I	<b>≥ 32</b>	120 x 10	<b>88,9 x 4,0</b>	60 x 5	<b>80 x 40 x 5,0</b>
J	≥ 36	130 x 10	88,9 x 5,0	<b>70 x 4</b>	100 x 50 x 4,0
K	≥ 40	140 x 10	101,6 x 4,0	70 x 5	100 x 50 x 5,0

**CUTTING PERFORMANCE AS PER NFPA 1936 FOR CUTTERS AND COMBI TOOLS**

**A6 B7 C6 D7 E6**

PROFILE TYPE →	A Round bar		B Flat bar		C Round pipe		D Square tube		E Angle iron	
PERFORMANCE LEVEL ↓										
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
1	3/8	9.5	1/4 x 1/2	6.4 x 13,7	3/8 0.68 x 0.09	17.2 x 2.2	1/2 x 0.06	12.7 x 1.5	1/2 x 1/8	12.7 x 3.17
2	1/2	12.7	1/4 x 1	6.4 x 25.4	3/4 1.05 x 0.11	26.6 x 2.79	1 3/4 x 0.06	19.1 x 1.5	1 x 1/8	25.4 x 3.17
3	5/8	15.8	1/4 x 2	6.4 x 50.8	1 1.32 x 0.13	33.5 x 3.3	1 x 0.08	25.4 x 2	1 1/4 x 3/16	31.7 x 4.8
4	3/4	19.1	1/4 x 3	6.4 x 76.2	1 1/4 1.66 x 0.14	42.2 x 3.2	1 1/4 x 0.12	31.7 x 3	1 1/2 x 3/16	38.1 x 4.8
5	7/8	22.2	1/4 x 4	6.4 x 101.6	1 1/2 1.90 x 0.15	48.3 x 3.2	1 1/2 x 0.12	38.1 x 3	1 1/2 x 1/4	38.1 x 6.35
6	<b>1</b>	<b>25.4</b>	3/8 x 3	9.5 x 76.2	<b>2 2.38 x 0.15</b>	<b>60.5 x 3.8</b>	1 3/4 x 0.12	44.5 x 3	<b>1 3/4 x 1/4</b>	<b>44.5 x 6.35</b>
7	1 1/4	31.8	<b>3/8 x 4</b>	<b>9.5 x 101.6</b>	2 1/2 2.88 x 0.20	73.2 x 5.1	<b>2 x 0.15</b>	<b>50.8 x 3.8</b>	1 1/2 x 3/8	38.1 x 9.5
8	1 1/2	38.1	3/8 x 5	9.5 x 126	3 3.50 x 0.22	88.9 x 5.6	2 1/2 x 0.19	63.5 x 4.6	2 x 3/8	50.8 x 9.5
9	1 3/4	44.45	3/8 x 6	9.5 x 152.4	3 1/2 4.00 x 0.23	101.6 x 5.8	3 x 0.19	76.2 x 4.8	2 1/2 x 3/8	63.5 x 9.5