

350 BAR
WORKING
PRESSURE
OPTIMIZED
FOR RESCUE

X-SERIES

UNMATCHED PRACTICAL PERFORMANCE

The biggest challenge in designing spreaders is its jaw; it must be strong enough and simultaneously have very thin tips at the end of the jaw. The jaw is the key to a successful action. It has to transfer all the power of the spreader into a small area. At RESQTEC we have done extensive research and tested many designs to be able to offer you the very best jaw there is.

1 TEETH AT END OF JAW

While spreading the opening increases and the material being spread bends. The teeth at the end of the jaw bite itself into the material providing even better grip.

2 (INTERLOCKING) TEETH AT BOTH SIDES FOR FIRM, STRONG GRIP

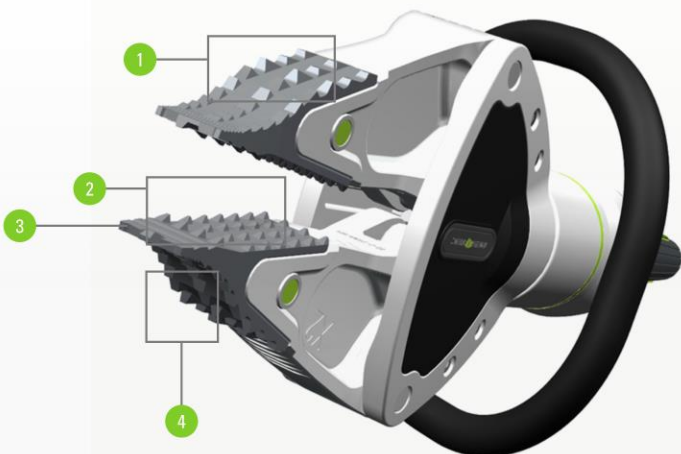
The interlocking teeth grab firmly in the material being spread. The result is that the jaws are in the correct position and maximum force is utilized. We found the key is not to have too many or too big-sized teeth.

3 VERY SMALL TIPS AT THE END

Small tips easily pry themselves into very narrow spaces.

4 THE RIGHT SLOPE

The angle of the slope is designed to allow the best grip step-by-step. The result is that the jaw grabs the material firmly to minimize the risk of shooting out.



With Resqtec Spreader X-series you get constant grip until the end!



The Spreader X-series embed EWO technology. The centralized carrying handle of the Spreader X-series is positioned completely around the tool. This results in an optimal alignment of the tool and ensures a firm and comfortable grip whatever the position of the tool.



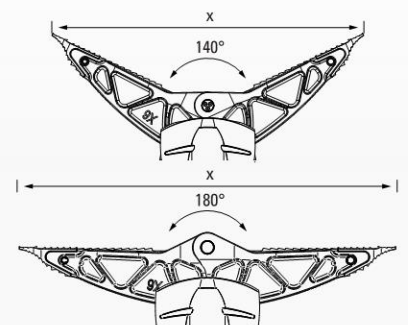
140° OPENING

The maximum opening angle of the spreader has a large impact on the actual spreading performance.

The theoretical spreading forces increase drastically at very large opening angles, but whereas at the same time the effective spreading drops down to zero. Simple calculation models and practice show that if the

angle (opening) gets bigger than approximately 140° the spreader loses its practical spreading capabilities.

It simply does not spread anymore, they just start pulling the tool inwards, despite its theoretical forces increasing drastically. It is for that reason Resqtec spreaders are limited at an opening of more than 140°.



HYDRAULIC EQUIPMENT SPREADERS OVERVIEW



neo1 TECHNOLOGY **350** WORKING PRESSURE

SPREADER X2

SPREADER X4

SPREADER X6

Dimensions (L x W x H)	731 x 307 x 266 mm	826 x 350 x 312 mm	915 x 350 x 312 mm
Operational weight	15.0 kg	21.2 kg	25.5 kg
Max. spreading opening	607 mm	687 mm	802 mm
Spreading force at base of arm teeth ¹	342 kN / 34.9 ton	3,474.0 kN / 354.2 ton	2,273.8 kN / 231.9 ton
Spreading force at base of jaw	173.2 kN / 17.7 ton	213.6 kN / 21.8 ton	172.0 kN / 17.5 ton
Spreading force 25 mm from tips	83.2 kN / 8.5 ton	91.0 kN / 9.3 ton	87.4 kN / 8.9 ton
NFPA HSF	76.7 kN / 7.8 ton	82.3 kN / 8.4 ton	80.9 kN / 8.3 ton
NFPA LSF	34.7 kN / 3.5 ton	49.4 kN / 5.0 ton	57.0 kN / 5.8 ton
Max. pulling opening	426 mm	532 mm	633 mm
Pulling force	91.2 kN / 9.3 ton	128.1 kN / 13.1 ton	110.6 kN / 11.3 ton
NFPA HPF	59.6 kN / 6.1 ton	74.9 kN / 7.6 ton	74.2 kN / 7.6 ton
NFPA LPF	27.4 kN / 2.8 ton	45.8 kN / 4.7 ton	52.8 kN / 5.4 ton
Squeezing force at base of arm teeth ¹	120.9 kN / 12.3 ton	289.0 kN / 29.5 ton	245.7 kN / 25.0 ton
EN 13204	AS38.4-607-15.0	AS53-687-21.2	BS60.4-802-25.5
NFPA 1936	Compliant	Compliant	Compliant

¹Maximum is a theoretical force. All forces with EN13204 certified power pack with pressure relief valves set conform EN13204 allowable pressure requirements

HYDRAULIC EQUIPMENT SPREADERS ACCESSORIES



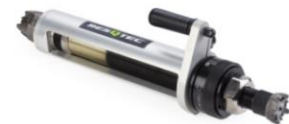
LED LIGHT ADD-ON



CHAIN & SHACKLE SET



AIRCRAFT JAWS SET



COMPLETE YOUR KIT WITH THE POWER PUSHER RAM