



ELBROC
MINING PRODUCTS

XTI50 PROP

SACRIFICIAL FRICTION MINE SUPPORT PROP

APPLICATIONS

- ACTIVE SUPPORT IN STOPE WORK FACES, HAULAGES, TUNNELS AND X-CUTS
- CONSTRUCTION OF SETS FOR FRIABLE GROUND IN ALL TUNNELS
- FROM 1m TO 6m
- SACRIFICIAL PROP

BENEFITS

- ACCOMMODATE NUMEROUS SEISMIC EVENTS
- BLAST ON PROP AT THE WORK FACE
- CONTROLLED YIELDING AT 20 ton
- SUPERB ENERGY ABSORPTION
- PRE-STRESSED UNIT ATTACHED TO ACHIEVE LOAD
- SETS CAN BE ATTACHED TO EXISTING OMNI PROPS FOR DETERIORATING TUNNEL CONDITIONS
- CANNOT BE OVEREXTENDED
- VARIOUS HEADBOARDS AVAILABLE

FEATURES

- DIAMETER OF 150mm
- INSTALLATION LENGTHS FROM 1m TO 6m
- PROVIDES ACTIVE ROOF SUPPORT WITH CONTROLLED YIELDING
- USES A STANDARD PUMP TO ENERGISE THE PSU
- RESILIENT TO ROCK BURST CONDITIONS
- LIFTING TOOL AVAILABLE TO INSTALL THE PROP

ACCESSORIES

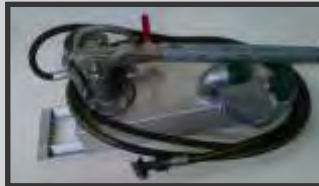
Lifting Tool



Hand Pump



Reservoir Pump



Wooden Headboards



LDPE Headboard



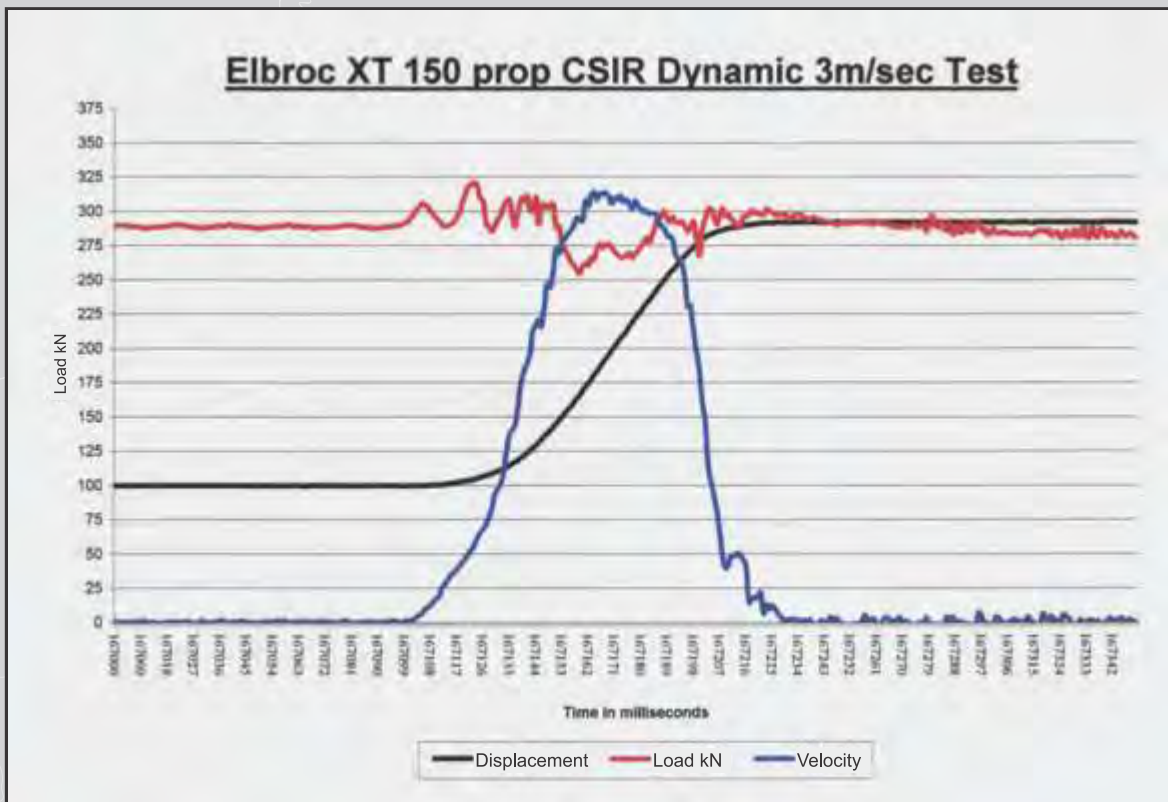
	CODE	INSTALLATION LENGTH				CLOSED LENGTH		MAXIMUM YIELD		MASS	
		METERS MIN	METERS MAX	FEET MIN	FEET MAX	METERS	FEET	METERS	FEET	KG	LBS
1	400211	0.9	1.0	2ft11"	3ft3"	0.8	2ft7"	0.2	0ft8"	25	55
2	400212	1.0	1.2	3ft3"	3ft11"	0.8	2ft7"	0.4	1ft4"	28	62
3	400215	1.2	1.5	3ft11"	4ft11"	1.1	3ft7"	0.4	1ft4"	35	77
4	400218	1.4	1.8	4ft7"	5ft11"	1.1	3ft7"	0.7	2ft4"	38	84
5	400220	1.6	2.0	5ft3"	6ft7"	1.3	4ft3"	0.7	2ft4"	41	90
6	400225	1.8	2.5	5ft11"	8ft2"	1.6	5ft3"	0.9	2ft11"	50	110
7	400232	2.3	3.2	7ft7"	10ft6"	2.0	6ft7"	1.2	3ft11"	61	134
8	400235	2.6	3.5	8ft6"	11ft6"	2.3	7ft7"	1.2	3ft11"	65	143
9	400245	3.4	4.5	11ft2"	14ft9"	3.0	9ft10"	1.5	4ft11"	83	183
10	400255	4.4	5.5	14ft5"	18ft1"	4.0	13ft1"	1.5	4ft11"	100	220
11	400260	5.2	6.0	17ft1"	19ft8"	4.6	15ft1"	1.4	4ft7"	109	240

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LOAD DEFORMATION



LOAD DEFORMATION FOR DYNAMIC TEST

(DYNAMIC ZONE BETWEEN 100mm AND 300mm DEFORMATION)