

dynafor™

Measure and control



Wide range

Wireless connection

Removable display

High accuracy

Long batteries live

USB PC connection

Range of fastening accessories

Multiple sensors / displays combinations



dynafor™ LLX2



- From 0.5 up to 10 tonnes
- 80 m range wireless connection
- Up to 1000 h batteries live
- IP 66 protection
- USB PC connection
- Simultaneous reading of several sensors on one or several displays
- Option: IP 67 protection
- Accuracy: 0.1 %

Model	WLL	Precision +/- (kg)	Minimum display (kg)	Increment (kg)	Weight (kg)
LLX2	0,5 t	0,50	0,50	0,10	2,30
LLX2	1 t	1	1	0,20	2,30
LLX2	2 t	2	2,5	0,50	2,30
LLX2	3,2 t	3,20	2,50	0,50	2,30
LLX2	5 t	5	5	1	3,40
LLX2	6,3 t	6,30	5	1	3,40
LLX2	10 t	10	10	2	6,50
Display	ALL	-	-	-	0,20

dynafor™ LLXh



- From 15 up to 250 tonnes
- 80 m range wireless connection
- Up to 1000 h batteries live
- IP 65 protection
- USB PC connection
- Simultaneous reading of several sensors on one or several displays
- Option: IP 67 protection
- Accuracy: 0.2 %

Model	WLL	Precision +/- (kg)	Minimum display (kg)	Increment (kg)	Weight (kg)
LLXh	15 t	30	25	5	4
LLXh	25 t	50	25	5	6,60
LLXh	50 t	100	50	10	15
LLXh	100 t	200	250	50	46
LLXh	250 t	500	500	100	215
Display	ALL	-	-	-	0,20



dynafor™ LLX1

New



- From 0.5 up to 20 tonnes
- Up to 450 h batteries live
- Protection: IP 65
- Option: LLX1 remote reading with range of up to 40 m, wireless
- Accuracy: 0.2 %

Model	WLL	Precision +/- (kg)	Minimum display (kg)	Increment (kg)	Weight (kg)
LLX1	0,50 t	1	0,2	0,2	1,1
LLX1	1 t	2	0,5	0,5	1,1
LLX1	2 t	4	1	1	1,3
LLX1	3,2 t	6	1	1	1,5
LLX1	5 t	10	2	2	2,3
LLX1	6,3 t	13	2	2	2,3
LLX1	12,5 t	25	5	5	4,3
LLX1	20 t	40	10	10	7

dynafor™ LLZ



- From 0.25 up to 20 tonnes
- Up to 850 h batteries live
- Protection: IP 65
- Accuracy: 0.8 %

Model	WLL	Precision +/- (kg)	Minimum display (kg)	Increment (kg)	Weight (kg)
LLZ	0,25 t	2	0,50	0,50	1,10
LLZ	0,5 t	4	1	1	1,10
LLZ	1 t	8	2	2	1,10
LLZ	2 t	15	5	5	1,30
LLZ	3,2 t	25	5	5	1,60
LLZ	6,4 t	50	10	10	2,30
LLZ	10 t	80	20	20	4
LLZ	20 t	150	50	50	7



Electronics' Dynamometers

Monitoring Software

Communication Protocol

Adjustment Software

Softwares for PC



dynafor™ MWX



- From 0.5 up to 25 tonnes
- Up to 350 h batteries live
- IP 65 protection
- Optional radio remote display
- Accuracy: 0.1 %

Model	WLL	Precision +/- (kg)	Minimum display (kg)	Increment (kg)	Weight (kg)
MWX	0,5 t	0,50	0,20	0,20	4,30
MWX	1 t	1	0,50	0,50	4,30
MWX	2 t	2	1	1	4,30
MWX	3,2 t	3,20	1	1	4,30
MWX	5 t	5	2	2	9
MWX	6,3 t	6,30	2	2	9
MWX	12,5 t	12,50	5	5	20,50
MWX	25 t*	25	10	10	24

* Supplied without shackle or hook

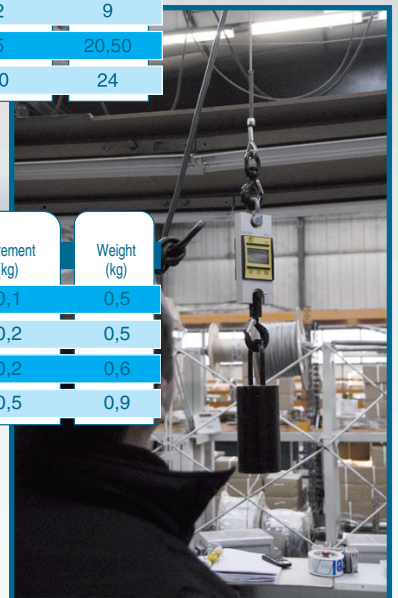
handifor™

New



- From 20 up to 200 kg
- Up to 100 h batteries live
- Rugged, light weight and compact
- Accuracy: 0.5 %

Model	WLL	Precision +/- (kg)	Minimum display (kg)	Increment (kg)	Weight (kg)
handifor™	20 kg	0,1	0,1	0,1	0,5
handifor™	50 kg	0,25	0,2	0,2	0,5
handifor™	100 kg	0,5	0,2	0,2	0,6
handifor™	200 kg	1	0,5	0,5	0,9



Control by TRACTEL®

Mechanical dynasafe™



- Detection of force threshold on wire rope lifting equipment implementing a fixed line
- Mechanical sensors
- Easy and fast installation

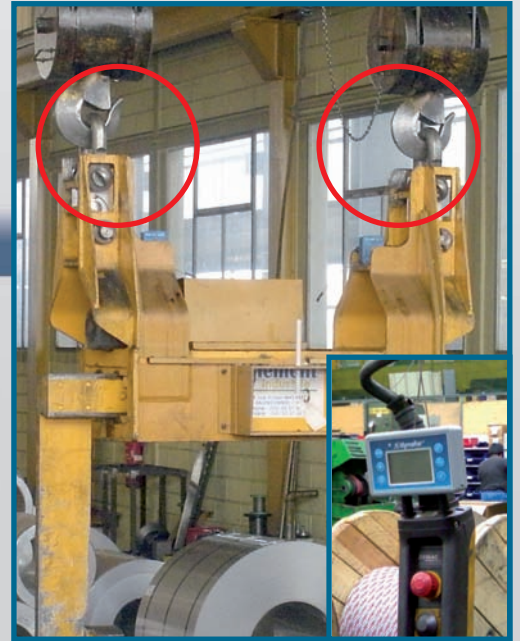


Electronic dynasafe™

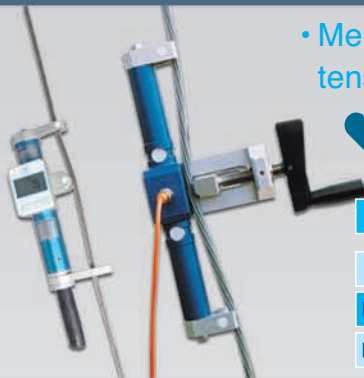
New



- The LLXt module, associated with an electronic load sensor, is used for:
 - calibration and signal transmission,
 - display and monitoring of load.
- The LLXt module is entirely compatible with all the accessories and softwares of the LLX2 range



dynarope



- Measurement of tensile load in a tensioned cable

Model	Wire rope diameter (mm)	Capacity (t)	Overall dimension (mm)	Weight (kg)
HF 37/1	5 to 13	1,5	340	1
HF 36/1	5 to 13	5	370	2
HF 36/2	10 to 28	20	500	4
HF 36/3	22 to 44	40	800	8



dynaplug



- Ideal to measure the resistance of an structural anchor point
- Capacity: 1500 daN
- Up to 200 h batteries live



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