

# AIRWORK & Heliseilerei GmbH

[www.air-work.com](http://www.air-work.com)

TLM / TLME

## The new generation of helicopter ropes

**Interface**  
shock absorber  
strongly recommended

**Label**  
part identification,  
serialised,  
customised

**Interface**  
shock absorber  
strongly recommended

**Rope End**  
thimbled rope end

**A&H  
Equipment**

Competence in ropes

**CE** EC MSD 2006/42/EC

**CS 27./29.865**  
Part 21 POA CH.21.G.0022

**ISO 9001:2008**  
SQS 32488

**Cover**  
yellow (Y), red (R), blue (B)  
green (G), grey (GR)

**Rope**  
core-cover rope  
WLL: 5 to 50 kN  
length: 5 to 50 m  
elongation: < 1%  
safety > 8 [-]

**Operational Areas**  
transport,  
mixed operations,  
manual cargo hook release

rope turn-up behaviour  
at 1.6 [g] impact: < 60 % (20 m rope)  
excellent aerodynamic characteristics

**Lower Rope End**  
thimbled and protected,  
connectable to all suitable  
safety hook models

**Interface**  
same design as any other rope,  
suitable for all types of load elements,  
use of swivel strongly recommended

DB TLM.A | FC 140505ER | LM --



more than competence in ropes

**CE** EC MSD 2006/42/EC  
EC PPED 987686/EEC



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Part 21 POA CH.21.G.0022



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## ROPES

**Logging**  
P/N: TLP  
L 5 – 50 m  
WLL 5 – 50 kN  
cover PA monofile red  
electric wire 4 x 1.23 mm<sup>2</sup>

**The classic rope**  
P/N: TLDS  
L 5 – 50 m  
WLL 5 – 50 kN  
cover PES  
different colors

**Transport –  
Construction Work**  
P/N: TLL  
L 5 – 50 m  
WLL 5 – 50 kN  
cover PES multifile red/white  
electric wire 4 x 1.23 mm<sup>2</sup>

**The solid rope**  
P/N: TLK  
L 5 – 50 m  
WLL 5 – 20 kN  
cover PES  
different colors

**Fire Fighting Service**  
P/N: TLF  
L 5 – 50 m  
WLL 5 – 50 kN  
Cover PES multifile red/white  
electric wire 4 x 1.23 mm<sup>2</sup>  
or electric wire 9 x 1.23 mm<sup>2</sup>

**The allrounder**  
P/N: TLM  
L 5 – 50 m  
WLL 5 – 50 kN  
cover PES  
different colors

excellent aerodynamic characteristics

electrical single or  
double cargo hook release

manual cargo hook release

## Damper

**Transport general**  
P/N: VM-DP\_ELO  
L 1.5 – 1.7 m  
WLL 5 – 50 kN  
3-strand PA  
electric wire 3 x 1.5 mm<sup>2</sup>

**Logging**  
P/N: VM-DP\_LOG  
L 1.5 – 1.7 m  
WLL 5 – 50 kN  
3-strand PA  
electric wire 3 x 1.5 mm<sup>2</sup>

## Load Net

P/N LN  
square 4 x 4, 5 x 5, 6 x 6 m  
WLL 10 – 25 kN  
different colors

## Multi Leg Sling

**Logging**  
P/N: VGH  
L 3 – 7 m  
WLL 5 – 50 kN  
different colors  
special designed VGH for portable toilets

## Human External Cargo

EASA complex PCDS  
P/N: MERS2, PRES, HEC  
fixed rescue rope systems  
horizontal rescue net  
rescue bags  
cages  
BORS  
WLL 2 – 25 kN

EASA simple PCDS  
P/N: TYRAH, BKS, VEPATRE, BS  
rescue triangle  
lanyards  
multi leg lanyards  
slings  
hoist operator harnesses  
tree-worker safety lanyards  
special designed fittings

individual solutions

customised

## Load Elements

P/N: SLE  
fixed rescue rope systems  
manual transport ropes

## Tie-down

ISSYS ammunition  
life raft  
cargo freight

## Special designed fittings

Primary Cargo Hook Fittings  
AS 332 / EC 532 / EC 275  
EC 135 / EC 635  
EC 115  
AS 350  
EC 115  
NH 50

## Swivels

P/N: VM-DG  
WLL 15 or 50 kN  
connecting links

## Remote Cargo Hooks

P/N: VM-LH60  
LH60 WLL 60 kN  
double nubbin hook 30 mm  
other hooks on request

safety first

**AirWork & Heliseilerei GmbH (A&H)**  
Bahnhofweg 1 | CH-6405 Immensee

VAT CHE-113.380.391 MWST  
Trade Reg. CH-130.4.011.925-0  
D-U-N-S® no. 48363903  
UPIK® no. 130901

Enrico Ragoni CEO  
ACM EASA Part 21 G PO

FON 0041 41 420 49 64  
FAX 0041 41 420 49 62  
MAIL office@air-work.com  
www.air-work.com