

User Guide

Towline Release

Easy Quick HG



Version: 21.10.2020

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Manufacturer

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2. Technical data

Type:	single-stage, two-part quick release for UL and winch towing with launching trolley for hanggliders.
Activation:	Sliding locking sleeve
max. towing capacity:	2000 N
For use with a safety break link capacity of:	1500 N to 2000 N, UL-Schlepp 800N
Weight:	ca. 50 g

3. Scope

This manual is written for trained hangglider pilots! Pilots who are in training must be instructed by an instructor in the use of the *Easy Quick* towline release.

4. Harness attachment

The "Easy Quick HG" towline release is attached to the designated loops of the harness. These can vary depending on the type of towing equipment, UL or winch.

For this purpose, the locking sleeve is attached to the preferred release side with triangular screw carabiners.

On the opposite side, the rope is looped in, if necessary with a suitable predetermined breaking line.

5. Towline attachment

The "Easy Quick HG" system is extremely quick and easy to connect to the towline.

Pulling back the locking sleeve reveals the suspension lug. The free end of the release line is threaded through the towline end fitting and then hung on the suspension lug. By pushing the locking sleeve forward, the *Easy Quick* release is locked and ready for start.

The mounting procedure is shown in illustrations 5.1 to 5.5.



Illus. 5.1:
Release line
fastened to
harness loop



Illus. 5.2:
Quick release
device
shackled to
harness loop



Illus. 5.3
Release line
looped over
quick
release lug



Illus. 5.4:
Quick release
closed by
pushing the
locking sleeve
forward



Illus. 5.5:
Quick release
ready for
flight

6. Pre-flight check

The general pre-flight check must be extended by 3 points when operating with an *Easy Quick* towline release:

1. Towline release firmly attached to the harness, shackle screwed up?
2. Towline looped in and towline release properly closed. (Startcheck)?
3. Locking sleeve accessible without obstruction.

7. Towline release

The "Easy Quick HG" system is designed in such a way that it can be released under load as well as load-free. Only the locking sleeve has to be pulled back towards the pilot, if necessary up to the body. This causes the towline release to slip over the suspension lug, thus releasing the towline (see chapter 5).



Note: In order to keep the frictional forces low on the Easy Quick towline release, it is recommended to tow only with a leader line that is equipped with a ring or metal link. With fibre suspension loops, wear and tear on the quick release line and towline is increased, resulting in premature failure.

8. Care and maintenance

The "Easy Quick HG" system is maintenance free. Nevertheless, the following must be checked at regular intervals:

- ***All stiched seams for damage***
- ***Attachment loops and Easy Quick release line for damage, etc.***
- ***Locking sleeve in working order***

In order to increase the service life of the Easy Quick towline release, mechanical stress on the harness loops should be kept to a minimum. Particular care must be taken to ensure that no dirt gets into the locking sleeve, otherwise increased wear and tear must be expected. The cleaning may only be done with lukewarm water. Under no circumstances should aggressive cleaning agents be used.

Re-verification: The Easy Quick towline release is not subject to mandatory re-verification.

9. Safety information and liability

In general, all regulations and safety precautions applicable to winch towed launch must be observed and complied with!

It is recommended to wear a full face helmet to be protected from the towline recoil in case of a towline break.

The use of the "Easy Quick HG" towline release is at your own risk. The manufacturer declines all liability for all direct and indirect damages, including consequential damages, which may result from the use of the Easy Quick towline release.

10. Aviation equipment and the environment

Environmental protection, safety and quality are the three basic values of aviation equipment and affect all areas. We also believe that our customers share our environmental awareness.

10.1 Care of the countryside

You can help to protect the environment by practicing our activity in a way that preserves nature and the countryside. Please do not walk off the marked paths, do not leave any rubbish behind, do not make unnecessary noise and respect the sensitive biological balances of nature, especially at the launch site.

Paragliding is an activity in the natural environment - protect and preserve the resources of our planet.

10.2 Recycling

"Easy Quick" takes the entire life cycle of its products into account, at the end of which there is environmentally friendly recycling. The materials used in a product require proper disposal. If you do not have the possibility to dispose of the product in an environmentally friendly way, "Easy Quick" will be happy to recycle the product for you. To do this, send the Easy Quick topline release with a short note to the address listed on page 3.

11. Test certificate:

Deutscher Hängegleiterverband e.V. im DAeC
DHV-Musterprüfstelle, Am Hoffeld 4, 83703 Gmund a.T.
Akkreditierte Musterprüfstelle für Hängegleiter und Gleitsegel
nach DIN EN ISO/IEC 17020:2012-07



MUSTERPRÜFBESCHEINIGUNG

Schleppklinke

Musterprüfnummer **DHV 06-0045-20**

Bezeichnung des Gerätemusters

Easy Quick HG

Das nachstehend bezeichnete Luftsportgerät ist als Muster geprüft im Auftrag von:

Mathes Dietmar / Easy Fly DM KG, Pfirsichweg 37 a, 86169 Augsburg,
Deutschland

Diese Musterprüfbescheinigung ist erteilt auf Grund der die Musterprüfung betreffenden Bestimmungen des Luftverkehrsgesetzes, der Luftverkehrs-Zulassungs-Ordnung, der Verordnung zur Prüfung von Luftfahrzeugen und der Lufttüchtigkeitsforderungen in der heute geltenden Fassung sowie zu den Bedingungen der Vereinbarung über Musterprüfung und des Schreibens vom 09.12.2020.

Die Musterprüfung gilt gemäß zugehörigem Geräte-Datenblatt Nr.: **DHV 06-0045-20**

09.12.2020

Datum der Ausstellung

Unterschrift


 Deutscher Hängegleiterverband e.V.
 Am Hoffeld 4, 83703 Gmund