



Product Service

# EU-Type Examination Certificate

No. P5A 089530 0010 Rev. 00

**Holder of Certificate:** **TruBlue LLC**  
**dba Head Rush Technologies**  
1835 38th Street  
Boulder CO 80301  
USA

**Product:** **PPE against fall from a height**  
**Individual Safety Systems for Ropes Courses,**  
**Mobile connecting device category C, D, E**

**Model(s):** **Lightspeed Impact Trolley in 4 versions:- IT-100:**  
**basic model**  
**- ITL-100: with hook**  
**- ITT-100: with T-handle**  
**- ITTL-100: with hook and T-handle**

**Tested according to:** DIN EN 17109:2020

The Certification Body of TÜV SÜD Product Service GmbH confirms that the listed product fulfils the basic requirements with Annex V (Module B) of Regulation (EU) 2016/425 on personal protective equipment according to Article 19 (PPE of category III). This certificate refers only to the submitted sample for testing and certification and on its technical documentation. The validity of this certificate based on an ongoing surveillance in accordance with Module C2 or D of Regulation (EU) 2016/425 by a Notified Body. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 713191310

**Valid until:** 2025-11-09

**Date,** 2020-11-10

( Matthias Völz )

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TÜV SÜD Product Service GmbH is Notified Body according to Regulation (EU) 2016/425 on personal protective equipment with the identification number 0123.

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## Parameters:

Construction:	Basic model: 4 mm thick aluminium alloy housing with 2 screwed-on stainless steel wheels with ball bearings and user fixation holes; 6 plastic parts with 3 screws for 3 closing holes on housing (round hole for T-handle, other two for attachment); abs plastic impact bumper on front side, fixed with 2 screws; rest catch on housing for secondary user lanyard; T-handle: stainless steel body, aluminium handles; Ø17 mm primary attachment point; fixed to housing with special stainless steel fastener axle; Hook: stainless steel part for catching brake line of impact braking system; fixed in impact bumper fixation;
Dimensions:	Basic model: 177 mm x 110,5 mm x 40 mm (IT-100); T-handle: 360 mm x 30 mm 50 mm; Hook: 71 mm x 81 mm x 6 mm;
Pulleys:	2 stainless steel sheaves Ø50 mm x 22 mm, rope radius 10 mm; with stainless steel ball bearing Ø28 mm x 7 mm; fixed with secured stainless steel insert screws 1/4-20;
Weight range:	15 kg – 150 kg;
Max operating speed:	120 km/h;
Guaranteed braking strength:	17 kN;
Marking:	article no; serial no.; manufacturing date; EN 17109: 2019-C/ D/ E; pictogram “read instructions”; pictogram “drive direction”; pictogram “cable diameter range”; 17 kN; CE-marking; manufacturer address;
Weight:	579 g (IT-100)

IT-100 (without impact bumper)



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Versions:



IT-100



ITL-100



ITT-100



ITTL-100