STÁTNÍ ZKUŠEBNA STROJŮ a.s.
The Government Testing Laboratory of Machines J.S.C.

Třanovského 622/11,
CZ-163 04 Praha 6 - Řepy
Czech Republic

TEST PROTOCOL No. 37 462

Product / type:	**Remote controlled slope mower SPIDER type ILD02 SG**
Producer / adress:	DVOŘÁK – svahové sekačky s.r.o., Pohled 277, 582 21 Pohled, ČR
Applicant / adress:	DVOŘÁK – svahové sekačky s.r.o., Pohled 277, 582 21 Pohled, ČR
Test name:	**Verification of static stability of the machine**
Sample serial No.:	ILD0212071EX-03000 * Production year: 2017

Sample description: Remote controlled slope mower, the machine is equipped with a combustion spark ignition engine, hydrostatic all-wheel drive, rigid support frame construction, the machine is equipped with a hydrostatic winch type HSN 02

Technical data: dimensions 1540 x 1630 mm, height 970 mm, wheel gauge 1110 mm, wheelbase 1110 mm, measured weight 375 kg, power 17.9 kW, tires MITAS 16 x 7.50 - 8, 8 PR, pressure: 300 kPa

Sample provided at:	location: Státní zkušebna strojů a.s.	Date:	2017-09-25
Test carried out at:	location: Státní zkušebna strojů a.s.	Date:	2017-10-02

Testing regulations and their used parts: (Tests are carried out at the request of the machine manufacturer)

a) determining the static stability of the standing machine on a slope
b) determining the static stability of the standing machine on a slope secured by the anchoring system
c) determinig the load of the anchor rope

Used instruments and equipments:

Serial No.	Name and type
890665	Spirit level SOLA ENWM
100027-2	Mechanical weight Tonava 360 3060 (5 000 kg)
930219	Force sensor CHATILLON DFE - 500
-	Tilting platform

During the test, the instruments and testing equipments were in compliance with regulations for their verification and calibration.

Use of subsupplies: - none

Sample test conditions: The machine was placed on a tilting platform and gradually titled until reaching the point of loss of upper wheel contact with the surface of the platform, with the wheels towards the slope and the wheels across the slope, the free standing machine and the machine secured by the anchoring system. These achieved tilt angles are listed in the results table. Max. cutting height set. The anchor point of the winch was secured at a height of 410 mm above the surface of the platform.

Test results: *

	Variant a) Free standing machine	Variant b,c) Machine secured by anchor rope (load of the anchor rope)
Wheels towards the slope	**49 °** (Photo 1)	**60 °** (Photo 3) **(1.6 kN)**
Wheels across the slope	**48 °** (Photo 2)	**55 °** (Photo 4) **(1.4 kN)**

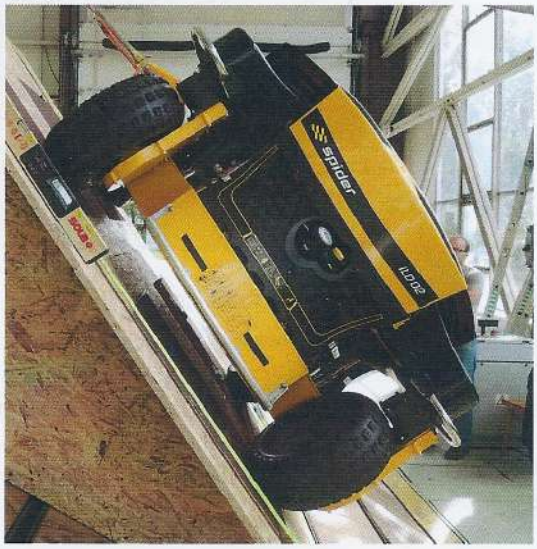
*) The listed values correspond to reaching the point of loss of upper wheel contact with the surface of the platform.

Photo 1

Photo 2

Photo 3

Photo 4



The presented data concern the tested sample only.
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Any reference to the Protocol should bear the Government Testing Laboratory of Machines identification – see the heading.

Elaborated by: Miroslav Javorský Signature: Date: 2017-10-05

Approved by: Ing. Ivan Čermák Signature: Approval Date: 2017-10-06

Position: Head of testing laboratory department

Stamp

STÁTNÍ ZKUŠEBNA STROJŮ a.s. zkušební laboratoř (1)

Documents for this order and the test record are filed at the testing laboratory department of the Government Testing Laboratory of Machines J.S.C.

Order No.: 33 623 0233 7