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TTMA-200 System Finland without lamps

MASH 2016	FHWA	Trafikverket	LP 15+2
Test Level 3	CC-152	TRV 2020/78913	Finland

Folding board · LP 15+2 · RC2020 twin remote · Level 3

TECHNICAL FEATURES

DESCRIPTION

The NTS TTMA-200 is a trailer truck mounted attenuator for road works and mobile work zones. It couples to the towing vehicle's standard draw eye and delivers MASH 2016 TL-3 impact protection without a dedicated TMA vehicle. Impact energy is absorbed by a patented tube bursting system in which the deformed elements stay attached to the trailer. Supplied without the lamp set, which is ordered separately.

SCOPE OF DELIVERY

Trailer	**TTMA-200 Finland**
Coupling	**50 mm draw eye, hitch extension**
Trailer equipment	**Fenders, trailer light set 24 V**
Warning board frame	**Folding, electric lift LA36, arrow setting motor**
Reflex panels	**Panel set Finland, aluminium with reflex foil**
Light arrow control unit	**NTS LP 15+2 with RC2020 twin remote**
Lamp set	**Not included, ordered separately**

LIGHT ARROW SYSTEM

Firmware	**LP 15+2**
Lamp positions on the board	**15x L8H Ø200 mm, 2x L9H Ø300 mm**
Lamp set	**Not included, ordered separately**
Remote control	**RC2020 twin radio remote**
Board movement	**Electric lift LA36, electric arrow setting motor**

TECHNICAL SPECIFICATIONS

Dimensions (W x H x L)	**244 x 79 x 750 cm**
Weight, without board	**720 kg**
Axle rating	**750 kg**
Tyres	**185R14C at 350 kPa**
Draw eye height	**50 to 80 cm**
Hitch extensions	**S, M, L and XL, to 122 cm**
Tow coupling, min. D-value	**8.125 kN**
Minimum support vehicle	**4,536 kg GVW**
Surface treatment	**Hot-dip galvanised, EN ISO 1461**
Electrical system	**24 V**

APPROVALS

Crash test standard	**AASHTO MASH 2016 Test Level 3**
Tests passed	**3-50, 3-51, 3-52, 3-53 and 3-54, all at approx. 100 km/h**
FHWA eligibility letter	**CC-152**
Swedish Transport Administration	**Trafikverket TRV 2020/78913**
Registration	**National requirement, quoted separately**
Inspection, Finland	**Inspection (katsastus) and licence plate quoted separately**

The illustration shows a complete system. The lamp set is not included in this configuration.