

TTMA-200 Complete System Finland

MASH 2016
Test Level 3

FHWA
CC-152

Trafikverket
TRV 2020/78913

LP 15+2
Finland

Folding board · LP 15+2 · RC2020 twin remote · Level 4

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. Complete system, ready for use.

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	LP 15+2, 15x L8H Ø200 mm and 2x L9H Ø300 mm amber

LIGHT ARROW SYSTEM

Firmware	LP 15+2
Lamps	15x L8H Ø200 mm, 2x L9H Ø300 mm
Lamp colour	Amber
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

