

TTMA-200 Trailer Norway + Steel Board Frame

MASH 2016
Test Level 3

FHWA
CC-152

Trafikverket
TRV 2020/78913

Prepared for
LP 18

Lifted upper board · No reflex panels · Prepared for LP 18 · Level 2

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 light arrow control unit and lamp set, which are ordered separately.

SCOPE OF DELIVERY

Trailer	TTMA-200 Norway, EU axle
Trailer equipment	Fenders, jockey wheel, trailer light set
Not included	Draw eye, hitch extension and reflective sheeting
Warning board frame	Norway, steel, lifted upper board, arrow setting motor
Reflex panels	Not included
Light arrow control unit	Not included, ordered separately
Lamp set	Not included, ordered separately

LIGHT ARROW PREPARATION

Prepared for firmware	LP 18 (Norway)
Lamp positions on the board	18x L8H Ø200 mm
Control unit	Not included, ordered separately
Lamp set	Not included, ordered separately
Board movement	Electric arrow setting motor, lifted upper board

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



The illustration shows a complete system. The light arrow control unit and the lamp set are not included in this configuration.