

# TTMA-200 Complete System Norway

Steel board frame · LP 18 · 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 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 | NTS LP 18 with RC2020 twin remote                      |
| Lamp set                 | LP 18, 18x L8H Ø200 mm amber                           |

| LIGHT ARROW SYSTEM |                                                     |
|--------------------|-----------------------------------------------------|
| Firmware           | LP 18                                               |
| Lamps              | 18x L8H Ø200 mm                                     |
| Lamp colour        | Amber                                               |
| Remote control     | RC2020 twin radio remote                            |
| Board movement     | Electric arrow setting motor,<br>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                  |

