



RAPTOR®

TEMPORARY PORTABLE RUMBLE STRIP (TPRS) HANDLING MACHINE



FUNCTIONS OF RAPTOR:

In operation mode, these images demonstrate the deployment of RoadQuake 2F TPRS.

1. The Magnet Bar pulls out one TRPS from the Tray.
2. The Magnet Bar moves up and out from the Tray.
3. The Magnet Bar lowers the TPRS to the deployment location.
4. The Magnet Bar releases the TPRS onto the road surface.

Repeat process until installation is complete.

Retrieving TPRS is just as easy as deployment!

Patent Pending



RAPTOR TPRS HANDLING MACHINE:

RAPTOR transports, deploys, realigns, and retrieves RoadQuake 2F Temporary Portable Rumble Strips (TPRS) in work zones while keeping your workers off the road.

Raptor epitomizes the safety elements of RoadQuake 2F TPRS:

- » Today workers can operate RAPTOR from the safety of the vehicle and no longer deploy or retrieve TPRS manually.
- » Workers no longer risk injuries from handling TPRS.
- » Deploys a three-strip array in under 90 seconds.

RAPTOR IMPROVES WORK ZONE SAFETY:

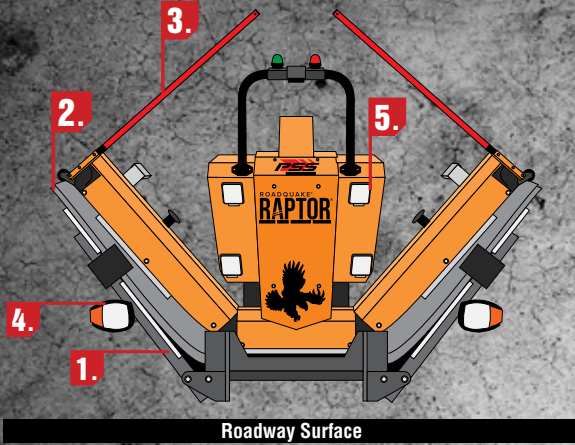
- » By expanding the applications of RoadQuake 2F TPRS.
- » RoadQuake 2F TPRS is now ideal for most short duration, short-term and mobile work zones.
- » RAPTOR mounts to the front of the vehicle. The back of the vehicle is free for other safety equipment like a Truck or Trailer Mounted Attenuator (TMA).

ROADQUAKE® RAPTOR®

Rumble Strip Handling Machine

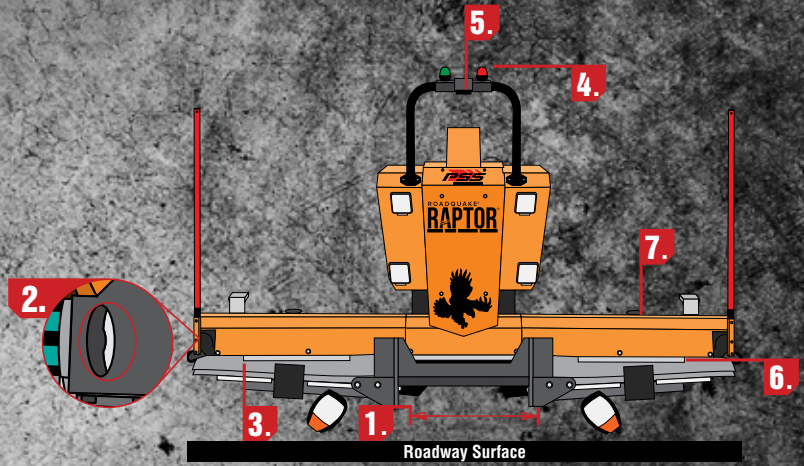
TRANSPORT MODE:

- 1. TPRS Tray
- 2. TPRS
0-12 Strips
- 3. Folding Guide Marker
- 4. Auxiliary Headlights
- 5. Work Lights



OPERATIONAL MODE:

- 1. Forklift Support
30" Wide
- 2. Position Lamps
- 3. RoadQuake® 2F TPRS
- 4. Indicator Lights
- 5. Forward-Facing Camera
- 6. Magnet Bar
- 7. Positioning / Alignment Rod



RAPTOR DESIGN:

RAPTOR is designed exclusively for the transport, deployment, realignment and retrieval, of RoadQuake Temporary Portable Rumble Strips. Do not attempt to use RAPTOR to carry any other objects.

RAPTOR SPECIFICATIONS

Brand Name	RoadQuake RAPTOR
Category	Rumble Strip Handling Machine
Function	Transports, deploys, realigns, retrieves RoadQuake 2F TPRS
Capacity of TPRS	12 Each
Operating System	Electric / Self-Contained Hydraulic
Recommended Mounting Height from Road	8-12" (20-25 cm)

VEHICLE REQUIREMENTS (Provided by user)

Front Axle Load Capacity	3,000 lbs. (1,360 kg)
Power	12 VDC / 140 peak Amp
Mounting	DIN Plate

WEIGHTS

RAPTOR Weight (Empty)	1,530 lbs. (694 kg)
TPRS Individual Weight	105 lbs (48 kg)
Total Weight (TPRS & RAPTOR)	2,790 lbs. (1,266 kg)

OTHER FEATURES

Lights	2 Each Aux. Headlights 4 Each Work Lights
Guide Markers	2 each 48" L (122 cm)
Cameras	1 Forward-Facing 1 Downward-Facing
Remote Control	1 Push-Button Remote

ACCESSORIES

TPRS Spacing Measurement Device	Distance Measuring Equipment (DME not provided by PSS)
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