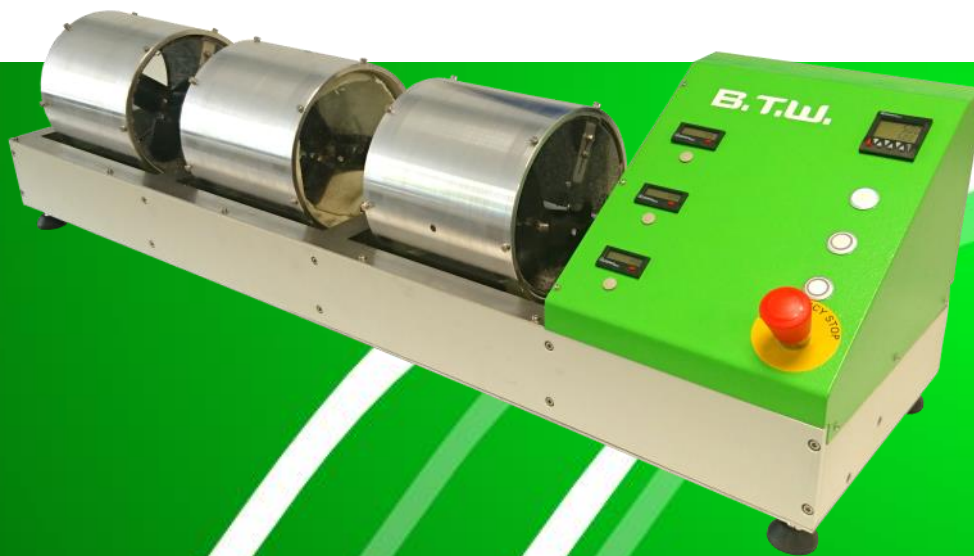


## BTW 1 & 3 POSTS

## ABRASION OF FLOOR CARPETS

Commercial references: SI67-00 & SI96-00



*BTW 3 posts*

**Type of tests:**  
Abrasion and pilling

**Type of materials:**  
Floor carpets

**Standards:**  
NF G35-024  
ISO 6131  
ASTM D 5251  
PSA D44 1237  
Renault D44 1237  
Renault D41 1109

### INTRODUCTION

The method of **BTW** (*Blocking Tetrapod Walker*) consists of a wear test on carpet fibers whose thickness does not exceed 20 mm.

PSA and Renault have taken the methods for car carpets by changing the dimensions of cylindrical boxes ■

## FIELD OF APPLICATION

The fiber carpets whose thickness does not exceed 20 mm ■

## PRINCIPLE

A sample is placed inside a cylinder, woven side facing the center.

The PSA / Renault provides method (Method A) to place under the carpet a running nose.

A tetrapod defined dimensions and weight is placed inside. The cylinder is driven in rotation at 50 rpm.

After a number of cycles set by the operator, the test stops and the samples were then measured and weighed ■

## MAIN CHARACTERISTICS\*

Weight:	
- 1 post	17 kg
- 3 posts	22 kg
Dimension (Lxdxh) :	
- 1 post	560x317x300 mm
- 3 posts	1262x317x300 mm
Power supply:	1 $\phi$ , 230V, 50 Hz
Sample size:	
- ASTM	610x205 mm
- PSA/Renault	640x200 mm
Speed:	50 <sup>±2</sup> t.min <sup>-1</sup>
Drum:	
- ASTM	
• $\varnothing$ in. Drum	205 <sup>±5</sup> mm
• $\varnothing$ depth Drum	190 <sup>±5</sup> mm
- PSA/Renault	
• $\varnothing$ in. Drum	200 à 205 mm
• $\varnothing$ ext. Drum	220 à 230 mm
• $\varnothing$ depth Depth	195 à 200 mm
• Weight Drum	2600 à 3500 g.
Tetrapod:	
- Weight:	1000 <sup>±2.5</sup> g.
- Hardness:	77 <sup>±3</sup> Shore A ■

## MANAGING THE OPERATION

HMI account for each position the number of test cycles and allows resetting of each position independently ■

## DELIVERED ACCESSORIES

- Tetrapod (1 or 3, depending of version)
- Cylinder tests (1 or 3, depending of version) (ASTM or PSA/Renault)
- Nzing (1 or 3, depending of version) (PSA/Renault method)
- IEC mains cord
- Certificate of control
- User manual
- CE certificate

A balance is required for the evaluation phase (reading 10 mg) ; we can offer ■

## ADAPTATION TO YOUR SPECIFICATIONS

We design the measuring instruments and devices that we sell. Also we are able to study your needs to adapt any of our references.

Do not hesitate to contact us ! ■

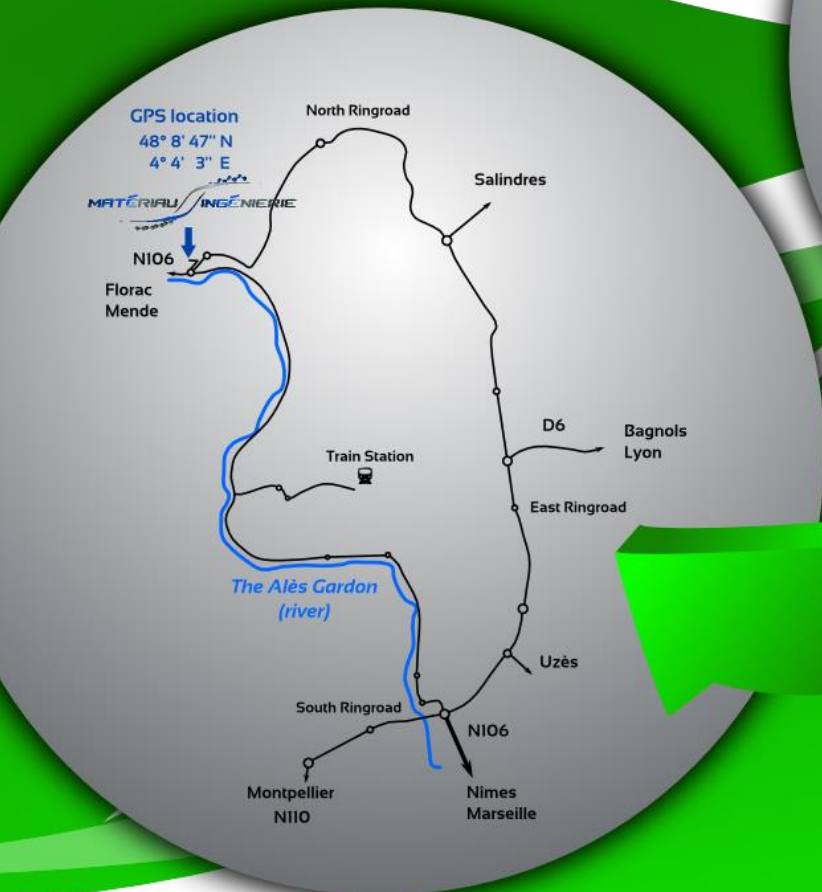
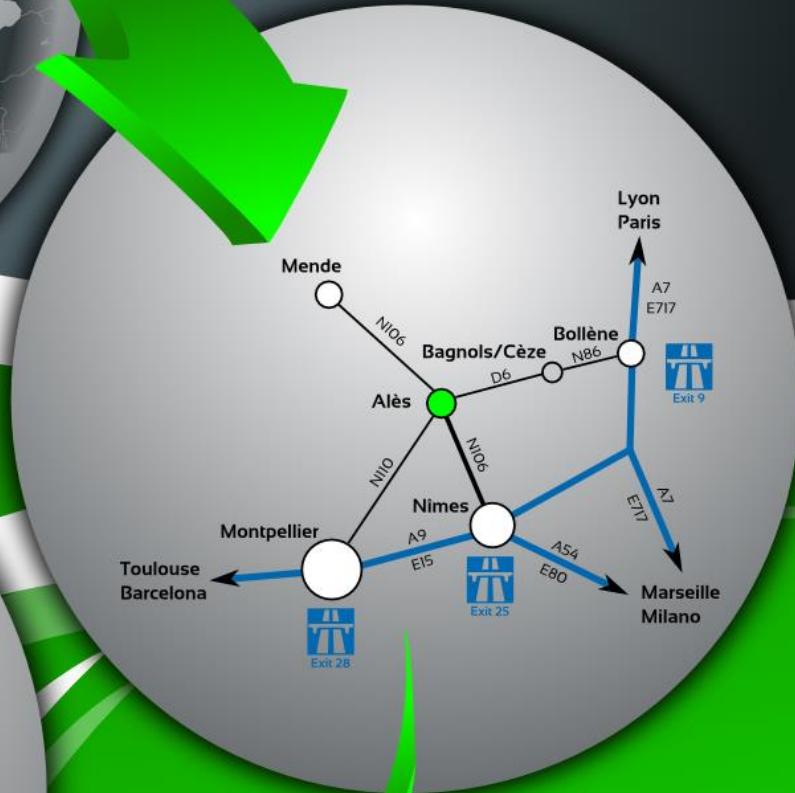


Drum & nozing

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\* Features for information only, we reserve the right to change freely in order to improve the performance of our test unit.

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