

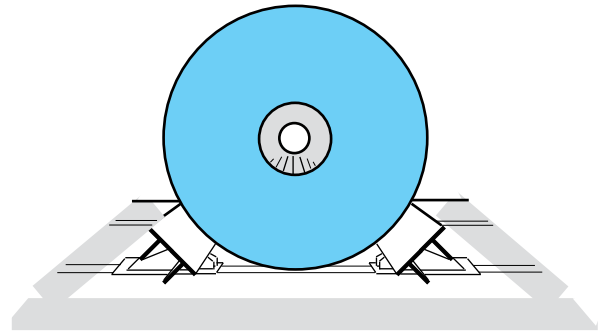
# Load Restraint Guideline

## Bore Horizontal Coil - Robbo Racks

RR

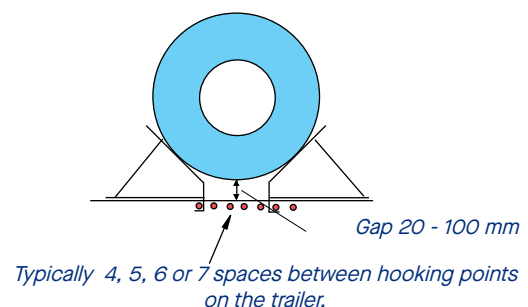
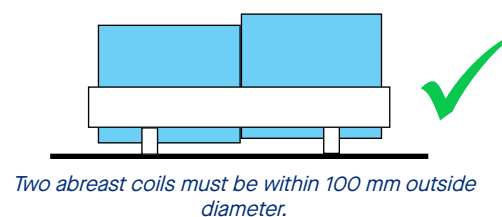
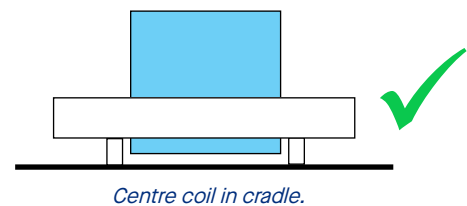
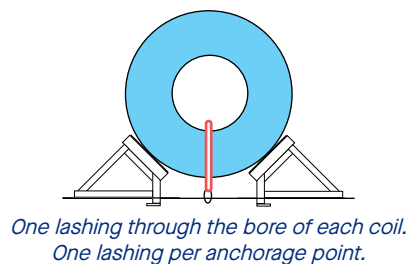
### 1. This Guideline applies for:

- The restraint of Bore Horizontal Coils in specialised adjustable “Robbo Racks” on sliding canopy trailers and WorBeST trailers;
- Bore horizontal coils with an outside diameter to width ratio less than 2.5 to 1.



### 2. Essential Requirements

- ✓ One lashing through the bore of every coil. Lashing must be either 8 mm transport chain or 50 mm webbing with a minimum lashing capacity of 2.0 tonnes.
- ✗ Knots in the chain or webbing are not acceptable, including tying off at the end.
- ✓ Chains need only be “dogged” hand tight, as pretension is not required.
- ✓ Only one lashing per anchorage point on these trucks.
- ✓ Industrial rubber (with a friction coefficient of at least 0.4) must be in place on both sloping faces.
- ✓ Coils are to be placed centrally in the racks.
- ✓ Coils may be carried two abreast provided that the coils are within 100 mm outside diameter (i.e. roughly the same size).
- ✗ Coil rack capacity is not to be exceeded. See section 3 “Restraint Systems”.
- ✓ Racks are to be placed so there is a gap under the coil of:  
Minimum 20 mm  
Maximum 100 mm
- ✗ Coils must not touch the deck of the truck.



# Load Restraint Guideline

## Bore Horizontal Coil - Robbo Racks

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### 3. Restraint Systems

#### 3.1 Mark 16 Robbo Racks

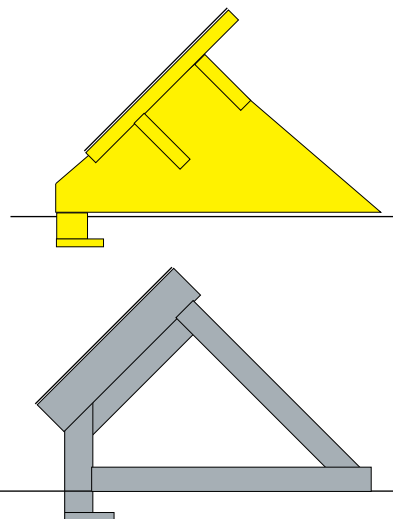
Mark 16 Robbo Racks are either yellow or silver in colour.

Yellow Robbo Racks are made from a twin “Tee” construction in steel plate and lock into the trailer tray next to the main chassis beams.

Silver Robbo Racks are a light weight tubular frame. The main load face is three rectangular hollow steel sections. The racks lock into the trailer tray at the outer edge.

- **Maximum Single Coil 16.0 tonnes**
  - Placed centrally
- Maximum Two Abreast Coils
  - **Combined Mass 16.0 t**

#### 16 Tonne Capacity



#### 3.2 Mark 7 Robbo Racks

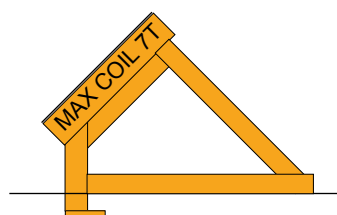
Mark 7 Robbo Racks are orange in colour.

Orange Robbo Racks are a light weight tubular frame. The main load face is two rectangular hollow steel sections. The racks lock into the trailer tray next to the main chassis beams.

Orange mark 7 Robbo Racks are stenciled on the side of the main load face with MAX COIL 7T.

- **Maximum Single Coil 7.0 tonnes**
  - Placed centrally
- Maximum Two Abreast Coils
  - **Combined Mass 7.0 t**

#### 7 Tonne Capacity



Electronic copies of this guideline are available from the BlueScope Steel Load Restraint website  
<https://bluescopesteel.throughput.com.au/loadrestraint>  
or the intranet site at  
[http://bluescopesteel.net/hse\\_community/health\\_safety/load\\_restraint/index.shtm](http://bluescopesteel.net/hse_community/health_safety/load_restraint/index.shtm)

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