



MONTAN SPEDITIONS GMBH

(Forwarding Agency)

Raw Material Logistics with MOCO



Loading MOCOs on Railway Cars



MOCO - MONTAN Container

MOCO-BULK 30 ft-OT (Open Top)-Half-Container

ideal for heavy bulky goods and cranable materials

Flexible Loading and Unloading:

bulky and cranable goods from the top, with forklift from the rear,
discharging of bulky material by tipping



Universal Transportation Opportunities:

Street: Transport on trucking-chassis

Rail: Transport on railway car

Easy Handling:

With reach stacker,

empty also with regular forklift truck





MOCO - Bulk

Specialist for bulky Raw Materials



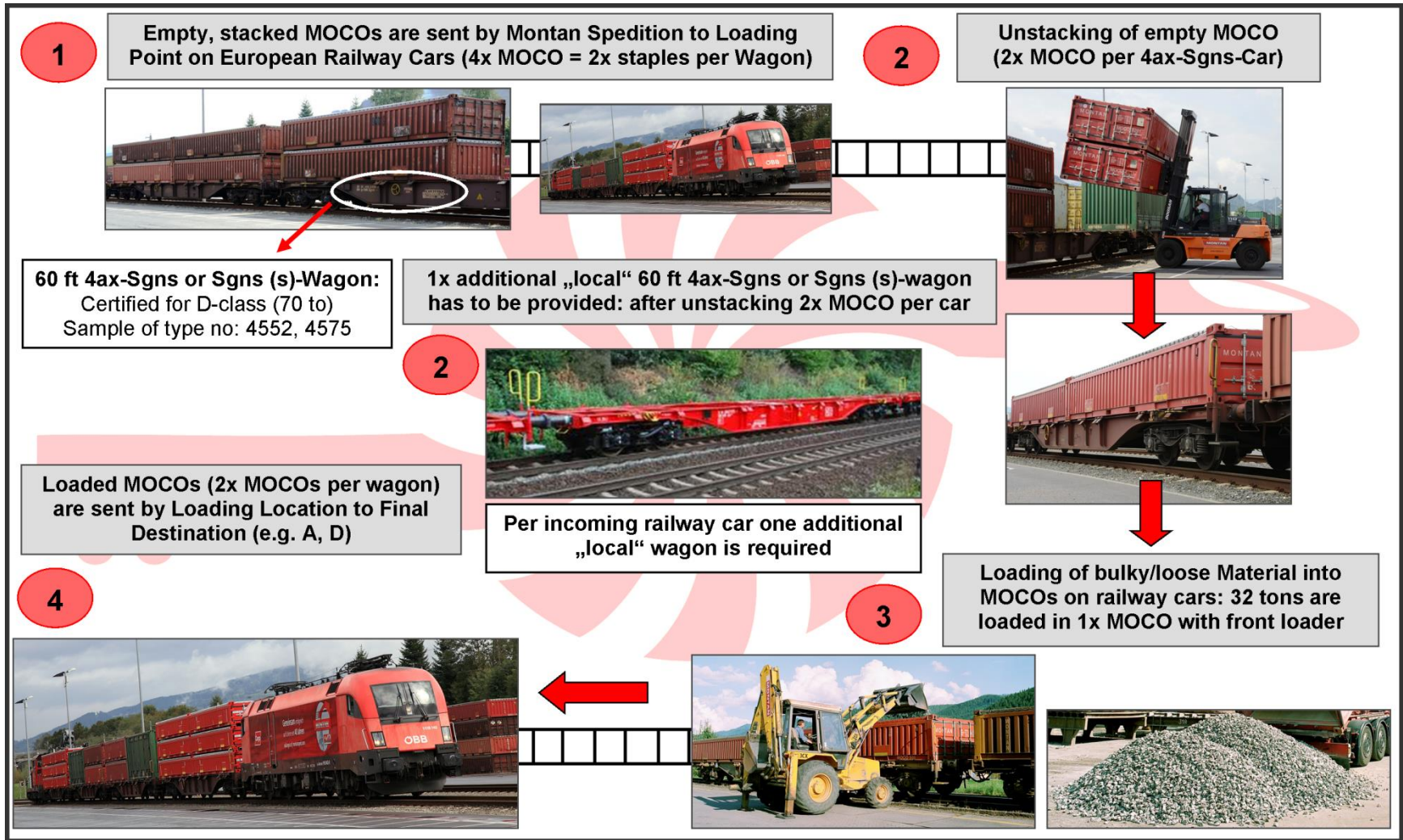
Technical Details

Length	8.975 mm
Width	2.438 mm
Height	1.100 mm
Volume	21 - 22 m ³
Max. Loading Weight	Up to 32 tons
Euro-Pallets	22 pcs
100% Humidity Protection	



Loading MOCOs on Railway Cars [1]

Overview of Logistics Solution for Raw Materials

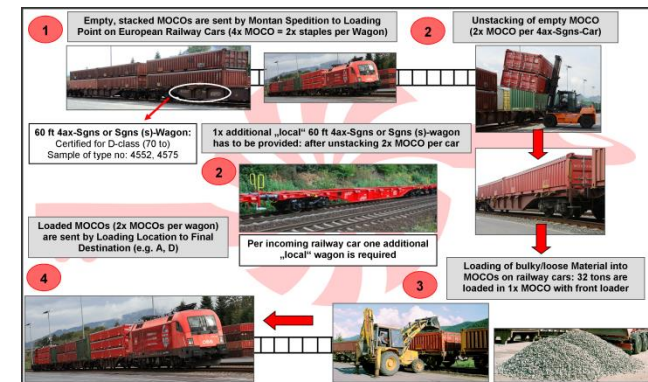




Loading MOCOs on Railway Cars [2]

Concept

- **1:** Empty, stacked MOCOs are sent by Montan Spedition to Loading Point (e.g. border station between UA/SK/H – Cop/Cierna nad Tisou/Zahony) on European Railway Cars (always in pairs = 4x MOCO = 2x stacked pairs on 1x wagon) of type: 60 ft 4ax-Sgns or Sgns (s)-Wagon, wagon type-sample e.g. **31-81-4552** or **31-80-4575**
- **2:** Arriving empty MOCOs are unstacked (e.g. with fork lift truck, tare weight per container = 3 tons, containers are equipped with 2x fork slots on each side) and lifted as single units to provided „local“ Sgns-Wagon (2x MOCO per Wagon)
 Note: Per loading procedure 1x additional “local” 60 ft 4ax-Sgns-Car has to be provided: railway car must be certified for D-class (loading weight of 70 tons)
 Arrival with 4x empty MOCO per wagon, after unstacking 2x empty MOCO per wagon





Loading MOCOs on Railway Cars [3]

Concept

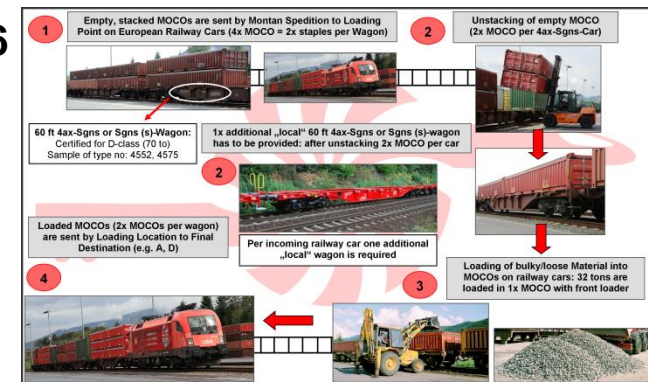
- 3:** Loading of bulky/loose Raw Materials with front loader on basis FOR (Free On Rail), MOCOs are sitting on railway cars and loading is done directly on rail connecting line: 32 tons are loaded in 1x MOCO
 Min. Lot-Size per loading procedure: 4x MOCO thus Lot-Sizes are always multiples of 4 (= 8x MOCO, 12, 16,)
Note: For every 4th MOCO 1x additional "local" Sgns-Wagon has to be provided (for 4x MOCO = 1x new wagon, 8x MOCO = 2x new wagons, 12 MOCO = 3x wagons, 16 MOCO = 4x wagons,)
- 4:** Loaded MOCOs (2x MOCOs per wagon) are sent by Loading Location to Final Destination in Europe (e.g. Austria, Germany)

Sample:

Wagon Type: **31-81-4552, 31-80-4575** or **31-43-4556**

Destination Station: e.g. **Kapfenberg CCT** with

Station No: **0081-01982-8**





http://www.montansped.com/ Here you can find more about us



http://www.montansped.com/

The collage displays four different pages from the MONTAN website:

- Top Left:** The 'Multi-modal Traffic' page, featuring a definition of multi-modal traffic and a list of services including truck transport, warehousing, and logistics.
- Top Right:** The 'Container Tracking' page, which highlights services for tracking 20, 30, 40, and 45 ft containers and 30 ft Tipping Chassis.
- Bottom Left:** The 'Flexible Loading and Unloading' page, showing images of trucks and containers being loaded and unloaded.
- Bottom Right:** The 'Container Transport' page, featuring images of trucks and containers being transported.

Each screenshot includes the MONTAN logo, navigation menu, and contact information: MONTAN Speditionsgesellschaft m.b.H. • Terminalstraße 1 • 8605 Kapfenberg • +43 (0)3862/31250-0.