



Delivery type

Semi-finished product

BtN

67-5

1. Scope

This operational standard (in the following BtN) defines the delivery of all semi-finished product to the Busch-Jaeger Elektro GmbH (in the following BJE) plants in Lüdenscheid and Aue. Non-conformances with this specification are valid only if included in the purchase order text. The delivery location (Lüdenscheid or Aue) is specified in the order.

2. References for standards

DIN EN 10204	Metal products - Types of inspection documents
DIN EN 13698-1	Product specification for pallets - Part 1: Manufacture of 800 mm x 1200 mm flat pallets made of wood
ISPM 15	Regulations for controlling wood packaging material in international trade
UIC code 435-2	Quality standard for a European four-way-entry pallet made of wood with dimensions 800 mm x 1200 mm.

3. General principles

- 3.1. Goods acceptance times at Lüdenscheid plant: work days from 07:00 to 15:00
 Goods acceptance times at Aue plant: work days from 07:00 to 14:00

Information regarding delivery:
 Proper safety shoes are required to enter the warehouse.

- 3.2. The goods receipt or delivery slip must be clearly visible and attached securely to the goods to ensure it is not lost.
- 3.3. For declarable goods, attach the delivery note to the invoice.
- 3.4. Goods Receiving must be able to stock individual items in the order. As a result, delivery of total inventories for different order items is not permitted.
- 3.5. Semi-finished product must be shipped on pool and reusable four-way-entry pallets acc. to DIN EN 13698-1 and positioned in the middle of the pallet.
- 3.6. Add-on constructions with regard to the delivery type (standing) are allowed after previous discussion and are then specified in the order text. Based on the packaging ordinance, there is a free-of-charge take-back obligation.
- 3.7. For horizontally positioned deliveries, stacked reels/rings with wooden spacers between the reels/rings are provided to facilitate handling.

- 3.8. A height of 1.650 mm, including pallet, may not be exceeded.
- 3.9. Welded joints must be identified. A light-dark contrast must be created (preferably black marking).
- 3.10. The material must be protected to prevent mechanical damage. Only recyclable materials may be used.
- 3.11. The goods are unloaded via rear loading ramps and should therefore be directly accessible. (BJE dock leveller: height 700 mm to 1.700 mm).
- 3.12. Inner diameter of coils and reels 300-400 mm.

4. Forms of delivery

Forms of delivery	Equipment	Winch	Coil	Reel	With side guards (e.g., Flexidrum)	With cardboard core	Wooden spacer	Horizontal position	Vertical position	Rotary direction	max. delivery height incl. pallet	max. reel width	max. ring weight	Pallet max. weight	max. Outer diameter ⁽¹⁾
4.1	Bruderer 45/62	Decoiler	x				x	x				-	500	1500	1200
4.2	Bruderer 55 A	Pallet	x					x		right	700	-	300	1500	1650
4.3	Bruderer 55 B	Decoiler	x				x	x				-	500	1500	1200
4.4	Bruderer 62.01A	Pallet	x					x		right	700	-	1000	1000	1350
4.5	Bruderer 62.01B	Pallet		x	x				x			600	1000	1000	800
4.6	RM40 B	Decoiler		x		x			x			300	250	1500	1200
4.7	RM40 A	Decoiler	x				x	x				-	250	1500	1200
4.8	Mach 1/7 B	Decoiler		x		x			x			300	500	1500	1200
4.9	Mach 1/7 A	Decoiler	x				x	x				-	500	1500	1200
4.10	Bruderer 59	Decoiler	x				x	x				-	500	1500	1200
4.11	Bruderer 49	Pallet	x					x		right	700	-	500	1500	1500
4.12	Haulick	Pallet	x					x		right	700	-	1500	1500	1500
4.13	Chappius	Decoiler	x				x	x		left		-	500	1500	1200
4.14	BZ 2/5&2/7 New Mount	Decoiler		x		x			x			600	1000	1500	1200
4.15	BZ 2/5&2/7 New Snap-in Key	Decoiler	x				x	x				-	500	1500	1200
4.16	BZ 2/6&2/7 Old Mount	Decoiler		x		x			x			600	1000	1500	1200
4.17	BZ 2/6&2/7 Old Snap-in Key	Decoiler	x				x	x				-	500	1500	1200
4.18	BZ 2/6&2/7 Old Housing	Decoiler		x	x							600	1000	1500	1200
4.19	BZ/SBL 68	Decoiler		x	x				x			450	1500	1500	1000

(¹). The dimensions of the max. outer diameter should be targeted as far as possible.

5. Sample application

For delivery acc. to BtN 67-5 with a delivery format per section 4.1, the purchase order text must include the following:

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6. Shipping documents and accompanying labels/tags

6.1. Shipping documents/delivery note: The standard shipping documents must be accompanied by the following information in every shipment:

- BJE order no. (see our order)
- BJE material no. (see our order)
- Article code (e.g., goods name / alloy name)
- Total number of units and/or gross/net/tare weights
- Delivery date
- Acceptance certificate / inspection documents acc. to DIN EN 10204.
- Batch number for each lot

6.2. Accompanying labels/tags: All containers must be labeled with an accompanying label/tag that includes the following information:

- Batch no.
- Delivery date / manufacturing date
- BJE material no. (see our order)
- Article code (e.g., goods name / alloy name)
- Information on gross/net weights

7. Pool and reusable pallets

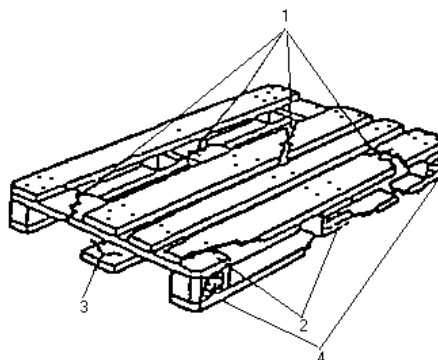
7.1. Shipped pallets must comply strictly with DIN EN 13698-1 as well as the UIC code 435-2 (UIC = International Union of Railways). Additional requirements are listed in section 6. Unreusable pallets are rated as default in performance or delivery of defective goods, and, if necessary, can be accepted as disposable pallets. We are entitled to exercise our legal rights with regard to costs arising from disposal and repackaging (see section 7).

7.2. Pool pallets in the European pallet pool of the UIC are labeled as follows:

- EPAL code (in oval)
- Rail code
- Country code
- Columns of figures 000-0-0 (manufacturer's number, year of manufacture, month of manufacture)
- EPAL code (in oval)

7.3. EUR flat pallets are not approved for use (per UIC code 435-2), if:

- A board is missing, slanted or broken ①
- More than two top boards are so splintered that more than one nail or screw shaft is visible (in contrast to UIC code 435-2 and with regard to section 4.2) ②,
- A supporting foot is missing, broken or splintered so that more than one nail or screw shaft is visible ③
- Important identification is missing or unreadable (at least one code for rail and one code for EUR must be present) ④
- Clearly unapproved parts were used for repair (too thin, too narrow, too short boards or block),
- The general condition is so bad that its ability to carry loads is no longer ensured (rotten, decayed or several splintered boards or blocks)
- Loaded goods are soiled.



8. Default in performance / Delivery of defective goods

Failure to comply with the provisions in this operational standard (BtN) shall be considered defaults in performance or delivery of defective goods according to the German civil code (BGB) and German commercial code (HGB). In such cases, we are entitled to exercise our legal rights.