## Packaging of the BGT Bischoff Glastechnik AG



## 1. Purpose

The following setting up describes the packaging method and the redelivery of our multipath transportation frames.
BGT will choose the mode of a suitable packaging and despatch.
This applies for all glass products, which are sent by BGT:
Normal glasses (ESG, TVG)
laminated glass (VSG)
isolated glasses
single or double glazing with bonding

## 2. Packaging methods and accessories material

The products, which BGT delivers to their customers, are packed on the in these text mentioned packaging means. But they can be modified on request of the customer or with instruction of the head of the despatch department of BGT.
The glasses are additionally protected and safeguarded on each packaging with further materials. Among others this are:

- security bars
- Packaging bands of plastic and metal
- Products which afford the space between the glasses (cork leaflets, paper, polystyrene, Styrofoam, cardboard etc.)
- Protection material (edge protection of cardboard, plastic wrap etc.)

Metal A - frame (returnable)


## Expression:

Dimensions:

Description:

BGT 500
$150 \times 77 \times 160 \mathrm{~cm}(\mathrm{H} \times \mathrm{W} \times \mathrm{L})$
max. measure of the pane $125 \times 300 \mathrm{~cm}$
max. pack depth $2 \times 20 \mathrm{~cm}$
max. disposable load 1500 kg

Handling:

- suitable for fork-lift truck transportation
- suitable for crane transportations with steel- and textile rope when fastening on the for it intended crane hook

The securing of the glass panes on the frame takes place by a strapping with a webbing of synthetic material respectively securing rod.

## Metal A - frame (returnable)



Expression:
Dimensions:
Description:

BGT small
$182 \times 80 \times 110 \mathrm{~cm}(\mathrm{H} \times \mathrm{W} \times \mathrm{L})$
max. measure of the pane $180 \times 200 \mathrm{~cm}$
max. pack depth
$2 \times 20 \mathrm{~cm}$
1500 kg

Handling:

- suitable for fork-lift truck transportation
- suitable for crane transportations with steel- and textile rope when fastening on the for it intended crane hook

The securing of the glass panes on the frame takes place by a strapping with a webbing of synthetic material respectively securing rod.

## Metal A - frame (returnable)



Expression:
Dimensions:
Description

BGT frame standard
$220 \times 80 \times 220 \mathrm{~cm}(\mathrm{H} \times \mathrm{W} \times \mathrm{L})$
max. measure of the pane $200 \times 450 \mathrm{~cm}$
max. pack depth
$2 \times 22 \mathrm{~cm}$
max. disposable load $\quad 1500-2000 \mathrm{~kg}$ (see type plate)
Handling

- suitable for fork-lift truck transportation
- suitable for crane transportations with steel- and textile rope when fastening on the for it intended crane hook

The securing of the glass panes on the frame takes place by a strapping with a webbing of synthetic material respectively securing rod.

Metal A - frame (returnable)


## Expression:

Dimensions:
Description:

BGT 2700
$270 \times 80 \times 300 \mathrm{~cm}(\mathrm{H} \times \mathrm{W} \times \mathrm{L})$
max. measure of the pane $240 \times 550 \mathrm{~cm}$
max. pack depth
max. disposable load 3000 kg

Handling:

- suitable for fork-lift truck transportation
- suitable for crane transportations with steel- and textile rope when fastening on the for it intended crane hook

The securing of the glass panes on the frame takes place by a strapping with a webbing of synthetic material respectively securing rod.

## Metal A - frame (returnable)



Expression:
Dimensions:
Description:

BGT Jumbo
$285 \times 120 \times 300 \mathrm{~cm}(\mathrm{H} \times \mathrm{W} \times \mathrm{L})$
max. measure of the pane $260 \times 500 \mathrm{~cm}$
max. pack depth
$2 \times 29 \mathrm{~cm}$
max. disposable load $\quad 300 \mathrm{~kg}$

Handling:

- suitable for fork-lift truck transportation
- suitable for crane transportations with steel- and textile rope when fastening on the for it intended crane hook

The securing of the glass panes on the frame takes place by a strapping with a webbing of synthetic material respectively securing rod.

## Non-returnable crate



Expression:
Dimensions:
Description:

Handling:
wooden crate
variable
max. measure of the pane variable max. pack depth variable max. disposable load 1800 kg

When packing crates, there is no measure restriction. Every crate is made to the required measure. On request the crates also can be made with complete wooden sides (surcharge). According to our standards the crates are closed with spikes.

## Wooden non-returnable frame



Expression:
Dimensions: $\quad$ variable, width always 80 cm

Description:
max. measure of the pane $150 \times 250$
max.pack depth
$2 \times 18$
max. disposable load $\quad 1000$ kg
Handling:

- suitable for fork-lift truck transportation
- suitable for crane transportations, hook just at the bottom on the for it intended loop bars.

For isolated glasses the bearing surface is made in an angle of $90^{\circ}$ to the back wall. Furthermore the frame is formed with respectively three back wall planks and is tied on an Euro pallet.
For the securing of the glass panes on the packing means they are secured by a banding with synthetic material- respectively metal webbings.

## Wooden non-returnable frame



Expression: 2 A-pieces on a Euro pallet
Dimensions: $\quad 60-90 \times 80 \times 120 \mathrm{~cm}(\mathrm{H} \mathrm{x} \mathrm{W} \mathrm{x} \mathrm{L)}$
Description: max. measure of the pane $900 \times 200 \mathrm{~cm}$ max. pack depth $2 \times 20 \mathrm{~cm}$ max. disposable load 800 kg

Handling:

- suitable for fork-lift truck transportation
- suitable for crane transportations, hook just at the bottom on the for it intended loop bars.

The frame is constructed without back wall planks. For the securing of the glass panes on the packing means they are secured by a loop bar packaging with synthetic material- webbing.

## Wooden non-returnable frame



| Expression: | timber A-frame |
| :---: | :---: |
| Dimensions: | max. $200 \times 80 \times 220 \mathrm{~cm}(\mathrm{~h} \times \mathrm{W} \times \mathrm{L})$ |
| Description: | max. measure of the pane $180 \times 360 \mathrm{~cm}$ <br> max. pack depth $2 \times 18 \mathrm{~cm}$ <br> max. disposable load $\quad 1400 \mathrm{~kg}$ |

Handling:

- suitable for fork-lift truck transportation
- suitable for crane transportations, hook just at the bottom on the for it intended loop bars.

The frame is used after agreement and constructed according to the order. It can be fitted to the measure of the pane For isolated glasses the bearing surface is constructed in an angle of $90^{\circ}$ to the back wall. The frame is used without any further substructure (pallet).
For the securing of the glass panes on the packing means they are secured by a banding with synthetic material- respectively metal webbing.

## 3. Handling of the packagings

When moving with the fork-lift truck,it must be assured,that the fork is led correctly and exactly in the for it intended point.

## craning, lifting up with ropes:

It is only allowed to fasten wooden non-returnable frames on the for it intended, at the bottom fasten point.



The mode how the middle of the fasten point and the packaging are getting pulled and how the packaging is pulled later, is obliged exclusively to the responsibility of the person who is performing. It is not allowed to fasten wooden crates on outstanding sections on the top. (see picture above)
Metal frames have to be fastened on the for it intended crane hooks.

## Opening of the securing:

Before the strapping respectively security bars are removed it must be assured, that the frame stands straight. The packaging is not allowed to show a sloping position, as the whole glass stack can fall down. Furthermore the packaging has to be checked in advance for possible damages, which can be dangerous when the securing is removed.

## 4. Return of the multipath transportation frames

The return of the multipath transportation frames is normally carried out by BGT respectively by a charged forwarder. The frames have to be provided so that the collection runs prompt and without problems. The preparation of the returning goods is very important, because they should absolutely be space-saving. At this the frames should be stacked in each other. (see picture below)


The return is organised by BGT, as soon as there is a full truck with returnable frames ready to pick up. The frames have to be, in agreement with BGT, provided for the collection in a fixed period of time.

Not returned frames are invoiced as following:

BGT 500
BGT small
BGT standard 650 € 600 €

BGT 2700 800 €

BGT Jumbo $\quad 1.100 €$ 1000 €

