

## 820 Litres – An Additional Choice for Optimization

As is common knowledge, standard 1000 litre IBCs when stuffed in a standard shipping container (20 ft. FCL) fit only 18 IBCs. 10 IBCs (1000 litres) are placed on the floor of container (hence forming the bottom layer) and another 8 are stuffed / stacked on the top. Only 8 IBCs can be fitted on the top layer as the height of the shipping container door does not permit accommodation of last 2 Nos. 1000 litre IBCs. 18 Nos. 1000 litre IBCs thus accommodate 18 mts (s.g = 1). In order to allow optimum use of the shipping container, GNX 820 litre capacity can be used additionally as the GNX 820 IBC has a lesser height, the same can be stuffed as the last 2 IBCs on the top, enabling shipping of another 1.64 mts. (see fig - 2) Thus 18 Nos. of GNX 1000 and 2 Nos. GNX 820 can move 19.64 mts. Quantity in tonnage can vary depending on the specific gravity (s.g).



Fig. 1. close up view of last 2 rows in a 20 ft. FCL

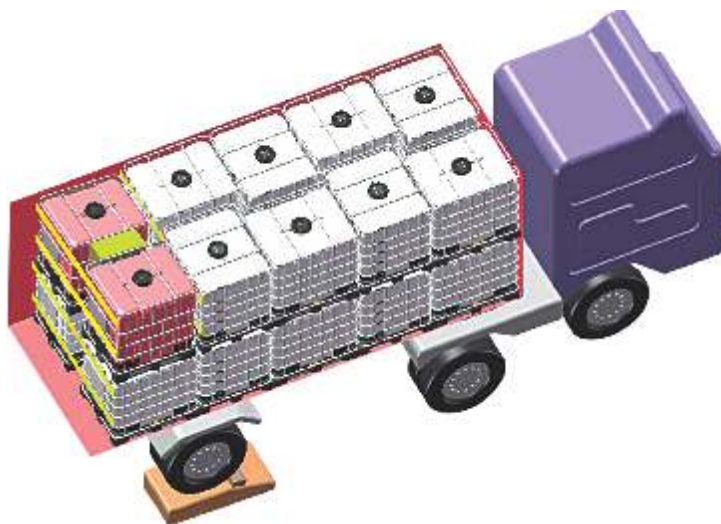


Fig. 2. 20 Container stuffing (18 nos - 1000 litres + 2 nos 820 litres)



- GNX 1000



- GNX 820

## Technical Specifications

Description		GNX 820 - PP	GNX 820 - CP	GNX 820 - WP
Dimension (LXWXH) (mm)		1200 x 1000 x 1000	1200 X 1000 X 980	1200 X 1000 X 1000
Total Weight		53.5+/-3Kg.	54.5+/-3Kg.	58.5+/-6Kg.
Inner Container (UV stabilized HM-HDPE)	Standard	Transparent	Transparent	Transparent
	Optional	Black/Blue	Black/Blue	Black/Blue
Useful Volume (Ltr)	Standard	820 ltr.	820 ltr.	820 ltr.
Pallet type	Standard	Plastic (PE)	Composite Steel	Wooden (SPM 15)
Filling Opening (mm)	Standard	150mm	150mm	150mm
	Optional	225mm	225mm	225mm
Gasket for Filling Opening	Standard	EPDM	EPDM	EPDM
	Optional	Viton	Viton	Viton
Bottom Discharge Valve	Standard	50mm Butterfly	50mm Butterfly	50mm Butterfly
	Optional	50mm Ball / Cylindrical 75mm Butterfly	50mm Ball / Cylindrical 75mm Butterfly	50mm Ball / Cylindrical 75mm Butterfly
Identification Plate	Standard	504 x 396 mm	504 x 396 mm	504 x 396 mm
	Optional	673mm x 396mm 700mm x 396mm	673mm x 396mm 700mm x 396mm	673mm x 396mm 700mm x 396mm
Additional Features		Identification Plates & Security flap at Discharge Port are press-fitted, Option of Camlock adaptors & NPT coupling for Discharge Valve fitted, Option of Camlock adaptors & NPT coupling for Discharge Valve		

## GNX 820 – An Intelligent Idea

The standard size 20' container can accommodate only 18 of the 1000 litre IBCs, the most popular size in use. The restriction is on account of the container door height. This waste of space has prompted us to launch the GNX820 litre model which optimizes the space and brings the IBC count to a total of 20. The GNX 820, an intelligent solution, is of compact size, easy to handle and comes with all standard accessories and special GNX features retained.

## Features – GNX 820

- Lesser height of GNX 820 as against GNX 1000: 1000 v/s 1175mm (PP / WP) & 980 v/s 1155 mm (CP)
- Allows use of empty space in a standard IBC stuffing configuration
- Same footprint
- Interstackable with 1000 litre IBCs
- 4-way entry pallet, with 2 easy way
- Options of plastic pallet, composite pallet or wooden pallet
- Use of standard accessories and fitments (discharge valve, top lid, pallet plate, security flap, etc.)

## Flexible Options

### Pallet



GNX 820 - PP

- **Single piece all plastic pallet**
- U-profile steel reinforcement channel
- 4-way runner pallet
- Earthed for ground contact
- Plastic drip area – no rust / corrosion
- Ideally suited for high frequency multi-trip usage
- Interstackability is provided for all pallets



GNX 820 - CP

- **GNX composite pallet - better option to all steel pallet**
- Block / connectors made of PE - rust and corrosion proof
- Does not get damaged easily with fork lift handling equipment
- Plastic drip pan - no rust, longer life
- Easily serviceable
- Earthed for ground contact
- Interstackability is provided for all pallets



GNX 820 - WP

- **ISPM - 15 heat treated wooden pallet**
- Economical & reliable
- 4-way entry & interstackable with all versions

### Top Lid



6" (DN 150)



9" (DN 225)

### Discharge Valve



Butterfly Valve 2" (DN 50)



Butterfly Valve 3" (DN 75)



Ball valve 2" (DN 50)

### Identification Plate



Standard: 504 x 396 mm



Optional:  
1. 673mm x 396mm  
2. 700mm x 396mm

### Accessories / Spares / Tools

