



quadpak
A CDF Global Partner

**SOMETIMES
YOU HAVE TO
THINK INSIDE
THE BOX**

GLOBAL CAPABILITIES

LOCAL PRESENCE

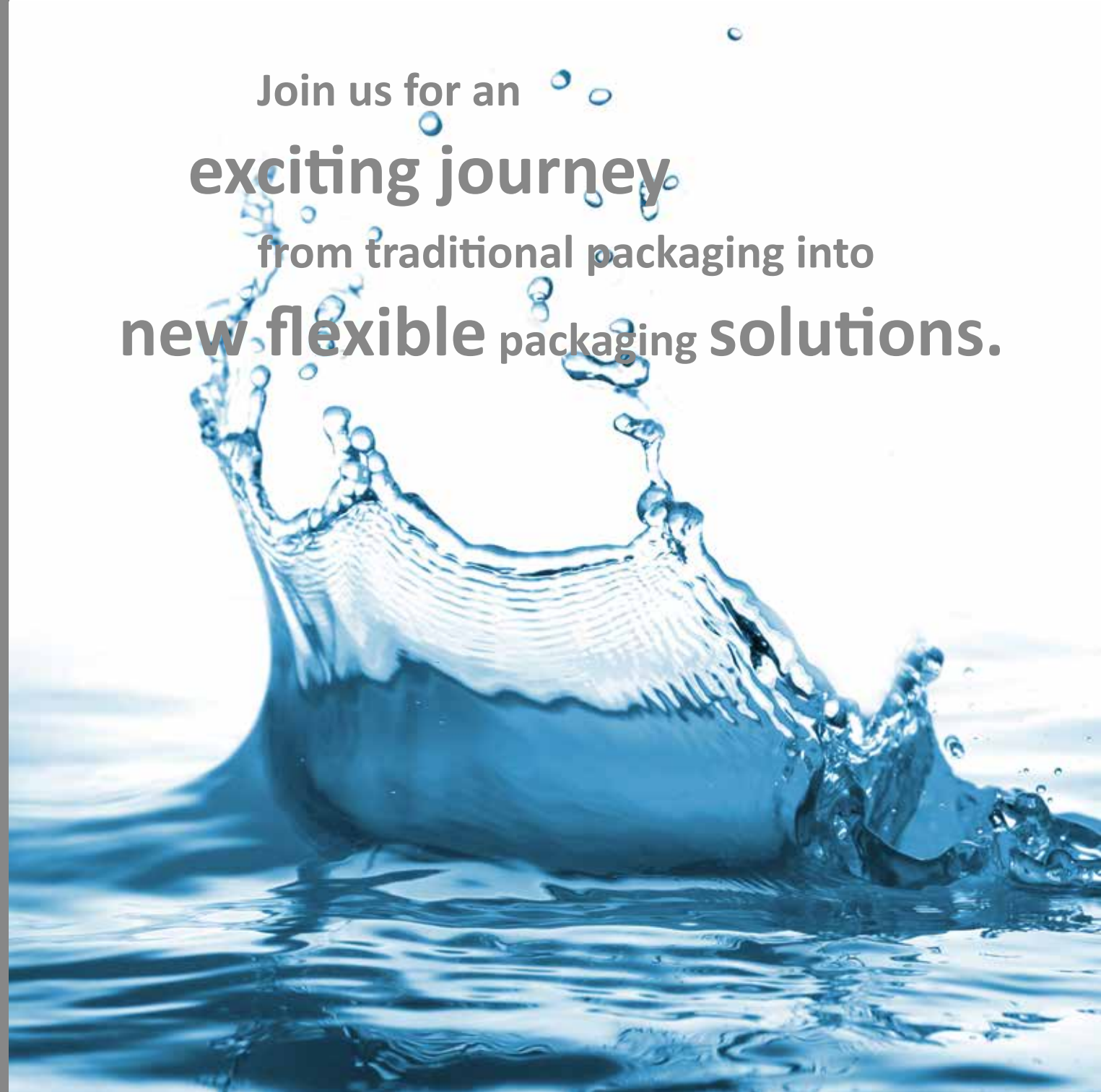


Quadpak is the global partner of CDF Corporation, a worldwide leader in the design, manufacture and sale of semi-rigid and flexible plastic packaging. From its' manufacturing plant in Värnamo, Sweden, Quadpak produces Cheertainer, the only bag-in-box certified for use with UN-rated products, as well as traditional bag-in-box offerings. We are proud to be part of CDF Corporation's commitment to a culture of global innovation and manufacturing expertise.

Quadpak offers flexible packaging solutions designed to give liquids and semi-liquid products an airtight packaging that ensures freshness and extended shelf life.

As your partner in flexible solutions you can take advantage of our expertise about bag in box, our experience and know-how. As concept supplier we offer customized solutions adjusted to you needs made into a turn key solution. Join us for an exciting journey from traditional packaging into new flexible packaging solutions.

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UNIQUE

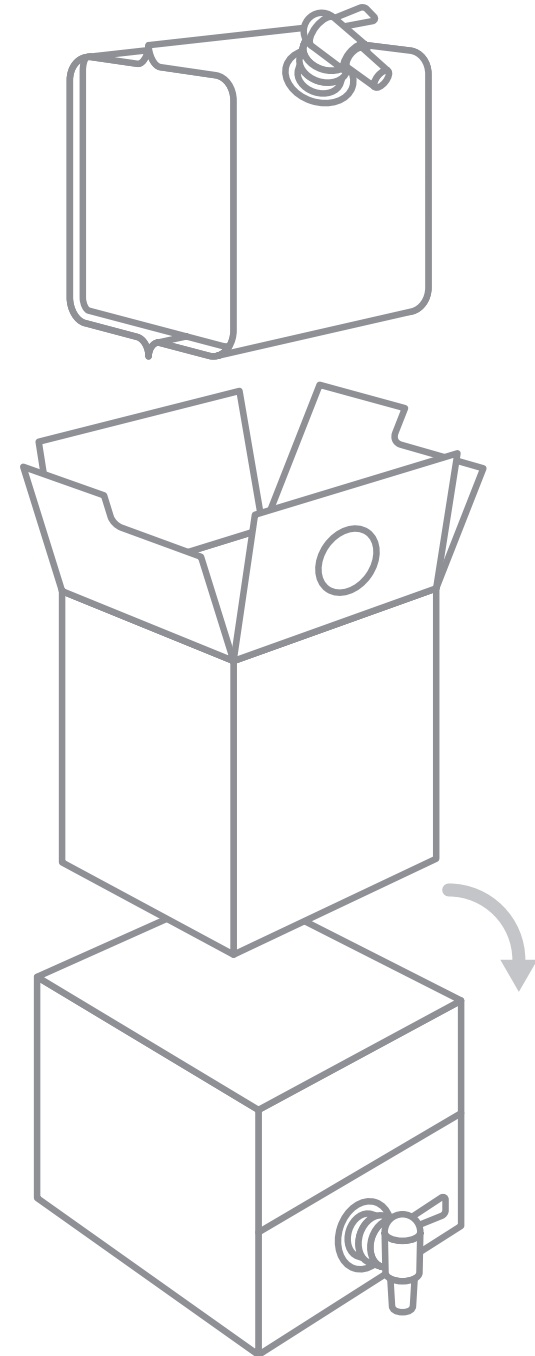
WHY CHEERTAINER® IS UNIQUE

The Cheertainer is not a pillow bag. It is a new package design that outperforms pillow construction in dispense and use. Developed to form the shape of a box, the patented Cheertainer is different in its design and construction. Manufactured with side gussets form-fitting to the container, the Cheertainer facilitates a free flowing complete dispense, without the difficulty of trying to locate the dispense fitment with each use. Its unique design provides an eco-smart choice, without sacrificing quality and reliability.

The Cheertainer is not your typical bag-in-box

CHEERTAINER PRODUCT BENEFITS

- Significant cost savings in logistics and storage costs
- Reduces costly price fluctuations by using at least 80% less plastic than rigid containers
- Major reduction in handling costs
- 99.9% dispense of liquid products without surging or glugging
- Fills without air, resulting in no foaming or splashing
- More user friendly – fitment always in dispense position
- Eliminates internal cleaning costs associated with alternative rigid packaging
- 10:1 logistical transportation advantage, reducing fuel consumption and CO2/greenhouse gas emissions
- 89% fewer CO2 emissions during production than competitive rigid packaging
- 50% fewer CO2 emissions during transport than competitive rigid packaging



APPLICATIONS & MARKETS



BEVERAGES

Beverage bases
Coffee
Drink mixes
Ice tea
Juice
Juice concentrates
Lemonade
Liquor
Soft drink ingredients
Tea
Water
Wine

CUSTOMER BASE:

Beverage Distributors
Beverage Processing Plants
Beverage Producers
Catering
Contract Filling &
Co-packing Operations
Convenience Stores
Corrugated Manufacturers
Food Distributors
Food Manufacturers
Food Processing Plants
Wholesale Stores



FOOD

Condiments
Dairy
Edible oils
Flavorings
Malt
Marinades
Post-mix syrups
Purees
Rice wine vinegar
Salsa
Sauces
Soft serve ice cream
Soup
Soy sauce
Vinegar

CUSTOMER BASE:

Catering
Contract Filling &
Co-packing Operations
Convenience Stores
Corrugated Manufacturers
Food Distributors
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Food Processing Plants
Wholesale Stores



AGRICULTURAL CHEMICALS

Bactericides
Fungicides
Herbicides
Insecticides
Liquid fertilisers
Pesticides
Seed treatments

CUSTOMER BASE:

Agricultural Chemical
Contract Fillers
Agricultural Chemical Distributors
Agricultural Chemical
Manufacturers
Agricultural Chemical Processing
Plants
Corrugated Manufacturers
Home Improvement Stores
Wholesale Stores



CHEMICALS/ PETROCHEMICALS

Adhesives
Automotive lubricants
Automotive oils
Car wash chemicals
Coatings
Detergents
Disinfectants
Dyes
Floor wax
Ink
Multi-purpose cleaners
Non-bleach additives
Paints
Petroleum
Sanitizers
Sealants
Soaps
Solvents
Swimming pool chemicals
Thinners
Varnishes

CUSTOMER BASE:

Chemical Contract Fillers
Chemical Distributors
Chemical Manufacturers
Chemical Processing Plants
Corrugated Manufacturers
Home Improvement Stores
Lubricant Contract Fillers
Lubricant Manufacturers & Installers
Wholesale Stores



COSMETICS

Cleansers
Conditioner
Creams
Liquid makeup
Lotions
Shampoo
Tanning lotion

CUSTOMER BASE:

Contract Filling &
Co-packing Operations
Corrugated Manufacturers
Cosmetic Distributors
Cosmetic Manufacturers
Cosmetic Processing Plants
Tanning Salons
Wholesale Stores

QUALITY

All liners are not created equal

Success in flexible packaging for liquids depends ultimately on performance and reliability. The ultimate reliability of the Cheertainer product.

Proprietary CDF1 Smart Seal Technology optimises precision and consistency by monitoring the temperature, time and pressure of every seal on every liner. An industry first and a critical aspect of CDF1 Smart Seal Technology is the SCADA software that allows Quadpak to monitor, measure and store data on every seal of every bag made. This system allows verification and validation of every bag made at the time of manufacture or anytime later by recording all of the machine conditions that contributed to the building of the liner.

Quadpak's in-process tests include an inflation test, a burst test, a seal strength test, a hydrostatic test and a visual inspection to verify the performance of the product.

UN CERTIFICATION

Certified in 10L and 20L sizes for Hazardous Groups 2 and 3, Cheertainer packaging provides the strength of a rigid container with the logistics, use and environmental benefits of a flexible package.

COST SAVING SUSTAINABILITY

Cheertainer packaging helps lower your carbon footprint and meet your sustainability goals. It lessens packaging waste in landfills by 86% and reduces plastic consumption by up to 90%, when compared to 20L rigid packaging. Cheertainer is shipped flat, reducing transport and handling costs by nearly 20 times over jerrycans, and as a result, reduces the number of trucks on the road, amount of fuel consumed and greenhouse gases emitted.



SIZES:

- 3L, 5L, 10L, 15L, 20L, 25L

FILM OPTIONS:

- Standard barrier – laminated polyethylene/nylon
- High barrier – laminated polyethylene/EVOH/nylon
- Metalized – polyethylene/ metalized polyester
- Other custom films



FILLING EQUIPMENT

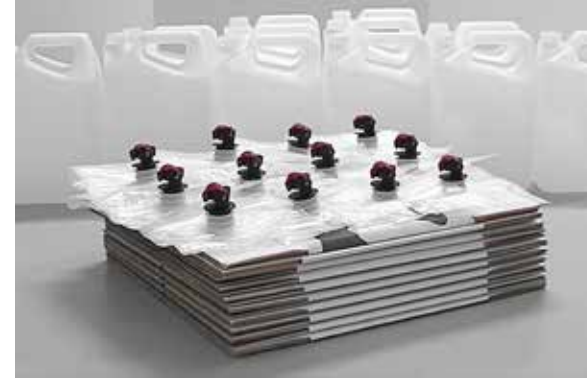


SEMI AUTOMATIC

The semi-automatic filler is a bag-in-box filler capable of filling a wide range of shelf stable or extended life products up to 25L. The filler has full CIP (clean in place) and SIP (sterilize in place) modes and can be steam sterilized.

FULLY AUTOMATIC

The fully-automatic filler is a compact web-fed fully auto filling machine capable of filling a wide range of shelf stable or extended life products up to 25L. The filling head has been designed to give optimum fill quality without any spillage. The filling machine has full CIP (clean in place) and SIP (sterilize in place) modes and can be steam sterilized.



CHEERTAINER VS. PAIL

- Reduces plastic consumption by 92%
- 10:1 space savings over pails, reducing consumption of fuel and emission of greenhouse gases
- Improves palletisation efficiency, allowing for more efficient inventory and transportation stacking

CHEERTAINER VS. SEMI-RIGID PACKAGE

- Manufactured with 50% less plastic
- 3:1 space savings, reducing consumption of fuel and emission of greenhouse gases
- Ships and stores flat, maximising transportation and warehouse efficiency

CHEERTAINER VS. PILLOW

- Easier to dispense due to the fitment always being in the proper position
- Reduces flex cracking since the bag fits perfectly in the box, there are no folds or interior movement
- Dispenses 99.9% of most products because product is not trapped in the folds, creases or shoulders of the bag

CHEERTAINER VS. JERRYCAN

- Reduces plastic consumption by 86%
- 20:1 space savings over jerrycans, reducing consumption of fuel and emission of greenhouse gases
- Improves palletisation efficiency, allowing more product per pallet



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