

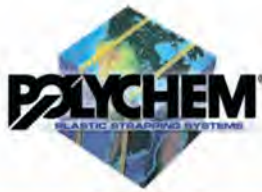
PBTS

**POLYCHEM**<sup>®</sup>  
PLASTIC STRAPPING SYSTEMS

# POLYESTER STRAPPING SYSTEMS



*BRICK & BLOCK SYSTEMS*



# POLYCHEM

The Total System  
LOWEST COST OF OWNERSHIP

STRAPPING

SYSTEMS

PARTS

SERVICE

TRAINING

MAINTENANCE

TOOLS

ACCESSORIES

DEDICATED  
Customer Service



5-way "breakaway" brick cube



8 inch regular building blocks



8 inch half building blocks

### 5/8" polyester is now the strap of choice:

- Provides better package
- More strap per coil
- Safer to use
- Recyclable
- Better economy

A brick cube has a built-in void for fork tines. Packaging materials include: veneer on void source, top and bottom edge protection and polyester strap (5 X girth, one "belly band"). A cube can be separated into 5 equal increments simply by severing the edge protector material.

### Application Description:

Most plants have an automatic strapping station that receives a loose cube from a stacking station. The edge protection is automatically applied as the cube enters and indexes through strapping operation. The strapping head is positioned over the cube and applies a strap just as the package is vibrated and compressed. Five (5) straps are applied in one direction. Often an additional cross strap is added, at right angle away from strapping station, after cube is transferred. (In smaller operations, pneumatic hand tools and a power strap feeder are used to facilitate strap application.)

## Block Packaging

Although the manufacturing processes are different, building blocks are packaged much the same as brick loads. Common 8 inch regular building blocks are strapped 3 X girth and half 8 inch building blocks are strapped 6 X girth as pictured above.

### Industry Prevalent Automatic Equipment:

1. OMS

### Hand Tools:

1. Polychem PHT-801, 1201, 1401
2. Polychem B-800

NOTICE: The strap is not designed to be used as a handle or other means of moving the finished cube.



Polychem's polyester has superior tension retention

### Primarily there are three (3) types of bricks:

- Building Bricks
- Pavers
- Refractory

Each requires its' own packaging. Building bricks are the most prevalent and the standard package applies to all manufacturers.

### A. Building Brick - Breakaway Cube

The breakaway cube was developed many years ago to facilitate:

- Pallet-less package
- Faster packaging at manufacturer
- Improved handling and stacking
- Better car and truck loading
- Incremental "breakaway" spotting on jobsite



# High Tensile Polyester

**MPC 2036**

**MPC 2038 AAR - 53 B**

**MPC 5839 AAR - 53 B**

## POLYCHEM PRODUCTS

POLYCHEM PRODUCT	Size	Break	Coils per Pallet	Closure Method
MPC 2036	5/8" x .036 x 4000	1250	28	Friction Seal
MPC 2038*	5/8" x .040 x 4000	1400	28	Friction Seal
MPC 5839*	5/8" x .039 x 4000	1300	28	Heat Seal

*\*AAR approved for closed rail car shipments of brick.*

**SERVICE • PARTS • TRAINING 1-800-899-2680**



## Polychem Hand Power Tools



**Pneumatic PHT-801,1201**



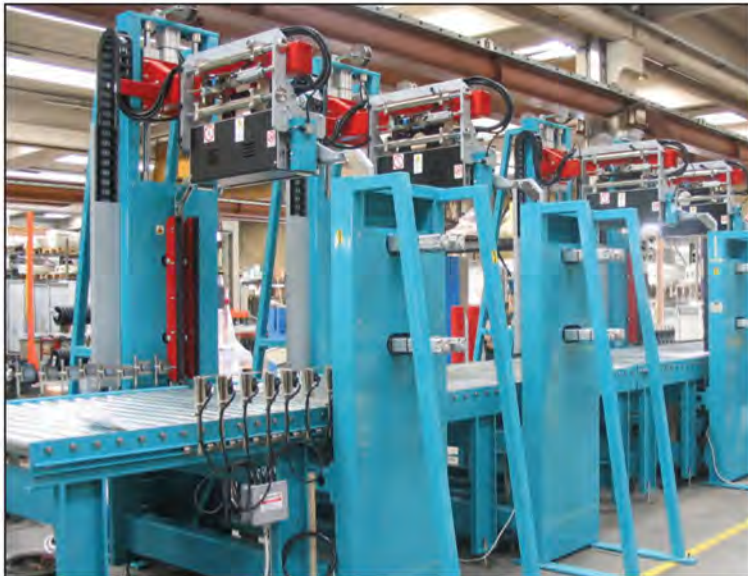
**Battery B800**



# Systems for High Production



OMS Paver System with Vertical and Horizontal Strappers



OMS Brick Strapping Line

## Standard Features

- *The use of high tension polyester straps, with a high degree of tension (1500 lbs) makes this head a reliable alternative to steel strapping*
- *This unit is optimal for the rugged environment of the construction industry with hardened steel parts and auto cleaning cycle*
- *Digital temp control for consistent seals*
- *Durable tracking system*
- *Cantilevered design for small footprint applications Electric Platen Movement*
- *Quick and reliable head motion*

## MACHINE OPTIONS

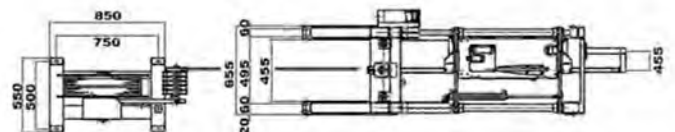
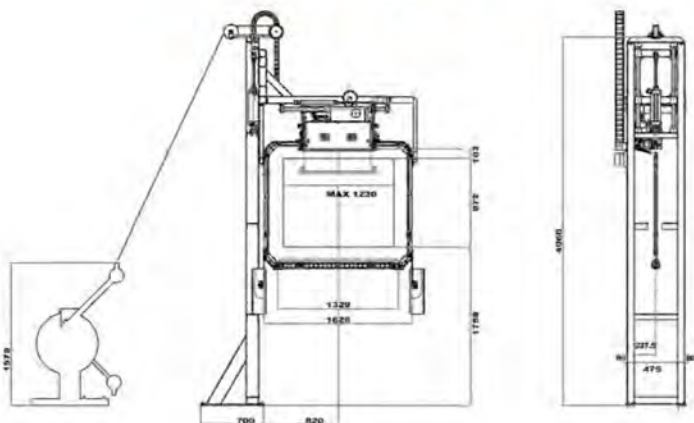
- Vibration System
- Side Compacting Device

## ADDITIONAL OPTIONS:

- Also available in a Dual Rack Electric Driver System



TR19HT Strapping Head





# The Benefits of Polyester



**CUSTOMERS ARE DEMANDING POLYESTER**

- FOR SAFETY AND LIABILITY REASONS
- FOR EASE OF DISPOSAL
- SUPERIOR IMPACT RESISTANCE
- SUPERIOR RECOVERY CHARACTERISTICS
- EXCELLENT WEATHERABILITY

• EASIER ON LIFT TRUCK TIRES

*Brick loads strapped with Polychem's polyester brick strapping stay tight, won't rust and stain, and provide for a much safer workplace.*



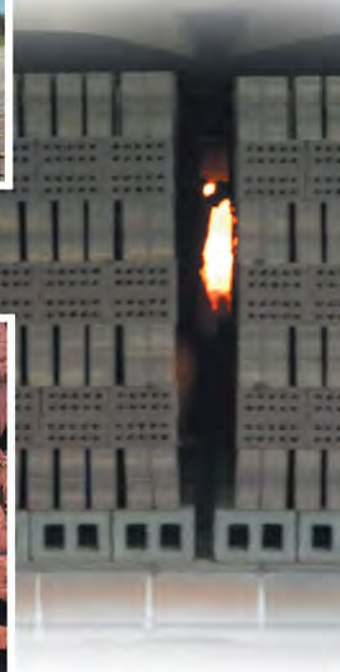
*Polychem's MPC 2038 and MPC 5839 are AAR approved for closed rail car shipments of bricks.*



*Another truck load of polyester strapped brick moving out.*



# POLYESTER... THE BETTER SOLUTION



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6277 HEISLEY ROAD  
MENTOR, OHIO 44060  
(440) 357-1500  
FAX (440) 352-9553

WEST COAST DISTRIBUTION CENTER  
11920 ALTAMAR PLACE  
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6277 HEISLEY ROAD  
MENTOR, OHIO 44060  
(440) 357-1500  
FAX (440) 352-9553