VS Series
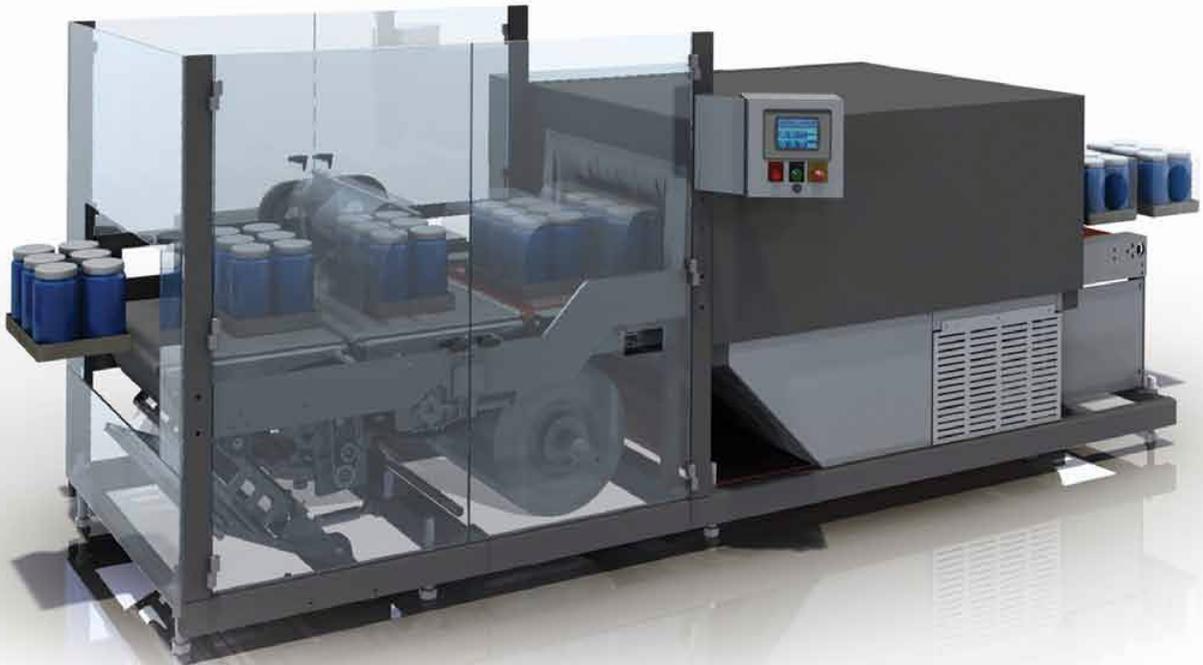## SHRINK WRAPPERS

Exceptional package quality in a compact shrink wrapper.

The VS Series shrink wrappers offer a compact, economical shrink-wrap solution designed to interface with existing tray packers, including the Douglas' Invex® and Axiom® at speeds up to 40 trays per minute.

Using single film roll technology, costly maintenance problems associated with conventional cutting and sealing technologies are eliminated. The optional print-registered film control gives you the ability to enhance your package appearance on the store shelf. Combined with Douglas' proprietary heat tunnel technology, the VS series shrink wrappers ensure your brand is always presented with quality and pride.

Small footprint, big advantages…the VS Series sets a new standard for compact shrink wrap performance.

DOUGLAS

There's a reason Douglas leads the industry in value-added offerings. It's not just our job... IT'S OUR COMPANY.

As a 100% employee owned company, you can rest assured that nobody works harder than Douglas to provide MORE for today's packagers.

As part of that commitment, we offer programs designed to keep your operation on the move and improve your bottom line.

Services like the **Reliability Assurance Program** provide comprehensive machine inspection, audit and analysis services to reach your maintenance goals and ensure maximum productivity.

Our **PartsDirect™ Program,** offers commercial OEM replacement parts at a guaranteed best price. See our web site for details and other value-add programs.

So when you choose Douglas, feel free to expect more. More knowledge, more innovation, more quality, more support. More of everything you need in a secondary packaging partner.
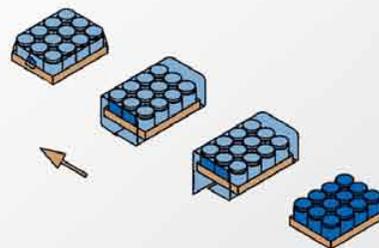
Typical Process Diagrams

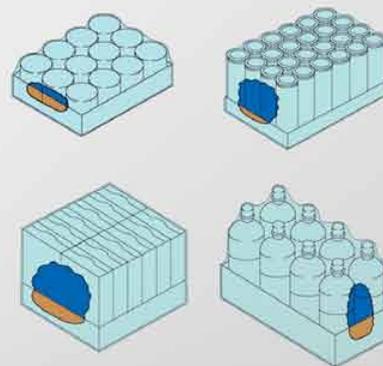## Typical Pack Patterns

VS Series SHRINK WRAPPERS

DRIVE:	VFD conveyors
	Servo motors - wand and film drive
SPEED:	VS-25 up to 25 cycles per minute
	VS-40 up to 40 cycles per minute

PRODUCT SIZE RANGE:	Direction of Travel	Vertical	Across Machine
Minimum	6 in. (155mm)	3 in. (75mm)	6 in. (155mm)
Maximum	17 in. (435mm)	12 in. (305mm)	22 in. (560mm)

FILM LENGTH:	Minimum: 18 in. (460 mm)
	Maximum: 60 in. (1525 mm)
FILM THICKNESS:	Printed or non-printed: 1.5 to 3 mil.
FILM WIDTH:	Minimum: 10 in. (255 mm)
	Maximum: 27 in. (685 mm)
FRAME:	Tubular powder coated steel frame
LEGS:	Threaded
ADJUSTMENTS:	HMI recipe control
GUARDING:	Polycarbonate guarding. Other guard packages per project specification (optional)
ELECTRICAL:	Allen Bradley series programmable logic controller
	Allen Bradley HMI
	NEMA 12 wiring and enclosures
	Downstream surge control (optional)
FINISH:	Gray metallic epoxy powder coat.
	Other colors per project specification. All parts in contact with product are stainless steel, anodized aluminum, and plastic. OEM parts are manufacturers' standard finish
INSTALLATION REQUIREMENTS	
POWER:	Single drop 480 VAC, 50/60Hz, 3PH
AIR:	Per project specification

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DOUGLAS

EMPLOYEE OWNED, CUSTOMER DRIVEN.