• **DESCRAMBLING**
• **SINGULATING**
• **ALIGNING**

**PRODUCTS FOR PALLETIZING APPLICATIONS SUPPLIED BY OMNI METALCRAFT CORP.**

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**FUNCTIONS**
- Accumulating
- Aligning
- Diverting
- Gapping
- Merging
- Minimum Pressure Accumulating
- Product Turning
- Singulating
- Skewed Roller Aligning
- Sorting
- Switching
- Zero Pressure Accumulating

**WHY OMNI METALCRAFT CORP.?**

- Unit handling is where our focus and experience lies when it comes to conveying
- Territorial sales channels to assist you in your material handling needs
- Experienced with product capabilities and integrating them into system applications
- Product and application support available to you and your customer as needed
- Private labeling and your standard finish available
- Direct shipping with your identifying paperwork
- Customizing standard offerings is a core competency
- Single source supplier of conveyors and complementary equipment
- Our wide range of product offerings is unsurpassed
- Stainless steel is an option for most equipment we sell
- Product training is available for Omni products
- We do not sell direct to End Users
YOUR ROBOTIC SYSTEM WORKING WITH OMNI METALCRAFT CORP.

Why ARB Pallet and Row Forming?
- Orient and aligns packages for application processes
- Consistent justification of multi sized packages
- Economical replacement for slat switches
- Handles fragile or delicate articles, such as glass
- Minimum to low pressure accumulation
- Minimal controls and programming
- Crowds multiple size products without changes
- Applies continuous pressure during crowding

Chain Conveyor
- Handles wrong-way loads with irregular bottom surfaces
- Full pallet take away conveyor
- Can be engineered to meet customer specifications

Pallet Stackers & Destackers
- Stack or destack pallets
- Integrates with or without infeed and exit conveyors
- Custom built to customer requirements

Chain Driven Live Roller (CDLR)
- Pallet locating devices for accurate positioning
- Roll to roll chain providing a positive drive
- Ideal for exiting and take away conveying

Zero Pressure CDLR
- Zoned accumulation with integrated logic prewired and/or plumbed
- An application specific version of CDLR conveyor

Rollers
- 1” to 12” outside diameter
- Multiple bearing and axle configurations
- Coatings for most environments

Vertical Conveyors (CVC/RVC)
- Elevation change from process to warehouse
- Elevation change with minimum floor space
- Continuous product flow

Belt Driven Live Roller (BDLR)
- Scalloped side frame for robot picking
- Minimum and Zero pressure accumulation
- Rollers being above top of frame allows for maximum wrapping

Belt Conveyor
- Incline and decline capable of elevation change
- Trackmate TM120 EMB belting is standard
- Suited for irregular shape products

Power Belt Curve
- Part orientation around the curve
- Product transfers easily to other equipment
- Chain free guiding extends belt life

Motorized Drive Roller (MDR)
- Zoned controls allow for minimum energy use
- Transportation and process conveying
- Low decibel levels

Lineshaft Conveyor (LS)
- Skewable rollers for product alignment
- Minimum and zero pressure accumulation
- Blade stops, speed-up zones and side guide

Gravity Roller Conveyor
- Ideal for horizontal and gradual decline applications
- Multiple options of frame and roller configurations
- Designed to meet capacity requirements

Gravity Roller Conveyor
- Level-lift design for stable lifting of palletized loads
- Outboard pneumatics for easy maintenance
- Through frame transfers for smooth transitioning

Turntables
- Up to 360° rotation for wrapping of products and pallets
- Manual or powered rotation available
- Integrates easily with mating Omni equipment

Your robot, tooling and system layout working together with Omni conveyors and accessory equipment provides your customer a complete solution for their robotic palletizing needs.