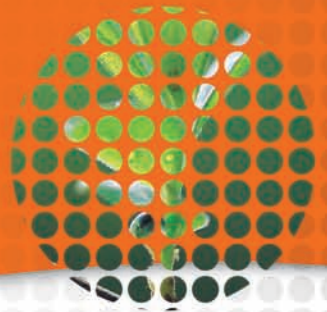


# JOHN MEUNIER

## MND-SERIES

### SHAFTLESS SCREW CONVEYORS



 **VEOLIA**  
WATER

Solutions & Technologies

# MND-SERIES

## Shaftless Screw Conveyors

The MND series Screw Conveyors provides a cost-effective solution for bulk solids handling.

Solids are conveyed by a heavy-duty shaftless spiral screw that rotates on a wear resistant liner without any intermediate bearing. This method provides high throughput without entanglement or clogging with significantly reduced and simplified maintenance requirements. The spiral is highly resistant to wear to provide durability. Conveyors are available with single or dual screws.

- Liners are available in various materials to suit the application
- Shafted screws are also available on request.

### It can be...

- Set horizontally, at an angle or vertically
- Designed with single lengths up to 130 feet
- Designed for vertical lift height up to 32 feet
- Supplied with feed hoppers
- Supplied with covers for odor control
- Designed to alternate the discharge end point
- Supplied with multiple discharge points using discharge closure gates
- Designed to pivot for diverting discharge point
- Supplied in multiple units for longer transport length



### HORIZONTAL SET UP:

Lengths up to 130 feet



### VERTICAL SET UP:

For smaller foot print



### PIVOTING SET UP:

For diverting discharge points

*John Meunier Inc. offers complete headworks solutions. We are recognized for our expertise in complete headworks design. We provide efficient solutions, combining key equipment from our product line. Call us today to find out about our great products!*

# MND-SERIES

## Shaftless Screw Conveyors

### Specifications

#### Capacities:

Up to 1765 Ft<sup>3</sup>/h depending on the application.

#### Fabrication:

*Housing and accessories:* Stainless steel (AISI 304 or AISI 316 on request)

*Spiral:* Micro-Alloy steel or Stainless steel on request (AISI 304 or 316)

*Liners:* High density non-metallic material or stainless steel (depending on the supplication)

#### Available sizes:

6 inches to 24 inches (diameter)



### Selection Charts

(For reference only)

- Contact John Meunier Inc. for specific applications.
- For vertical installation use 15°- 30° numbers

### Benefits

- Efficient handling of difficult solids
- Exceptional performance ratio
- High throughput efficiencies
- Requires less space compared to traditional conveying systems
- Easy access for cleaning and maintenance
- Low maintenance requirements
- Few spare parts required
- Straightness of screws provides durability

### Typical Applications

Municipal, industrial or commercial applications:

- Food processing,
- Abattoirs
- Pharmaceutical
- Chemical industry
- Pulp and paper industry

Applications Parameters				Screenings or Granular Solids			Sludge or Slurry		
Size (inch)	Incline Range	Spiral Type	Length (feet)	Capacity (Ft <sup>3</sup> /h)	Motor (HP)	Rotation (RPM)	Capacity (Ft <sup>3</sup> /h)	Motor (HP)	Rotation (RPM)
6	0-15°	standard	0-66	18	0.5	15	53	.75	29
6	15-30°	reinforced	0-66	11	0.75	15	28	1.0	29
8	0-15°	standard	0-66	35	0.75	15	106	1.0	29
8	15-30°	reinforced	0-66	21	0.75	15	60	1.0	29
10	0-15°	standard	0-66	85	1.0	15	247	2.0	29
10	15-30°	reinforced	0-66	39	1.5	15	138	2.0	29
12	0-15°	standard	0-82	134	2.0	15	389	3.0	29
12	15-30°	reinforced	0-82	64	2.0	15	212	3.0	29
16	0-15°	standard	0-98	283	3.0	15	812	5.0	29
16	15-30°	reinforced	0-98	134	3.0	15	459	5.0	29
20	0-15°	standard	0-118	600	5.0	15	1589	7.5	29
20	15-30°	reinforced	0-118	28	5.0	15	918	7.5	29

Veolia Water Solutions & Technologies North America



John Meunier Inc. has been serving North-American municipalities and industries since 1948 by offering them complete water and wastewater treatment solutions. With our state-of-the-art technologies, efficient products and team of seasoned professionals, we design solutions to perfectly match the needs of our clients.

John Meunier Inc. is a subsidiary of Veolia Water Solutions & Technologies, the Veolia Water division which designs and manufactures technological solutions for water and wastewater treatment. Veolia Water is the world leader in water services, serving over 110 million people worldwide with close to 68,000 employees.

[www.veoliawaterst.com](http://www.veoliawaterst.com)

**John Meunier Inc.**  
ISO 9001: 2000

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