

FACTSHEETBOOK

Vertical Transport Systems



Products of APOLLO VTS





Models & Types*

Single Lane Spiral Conveyors

| Type | Dstc 1 | D | B |
|----------|--------|------|-----|
| 1200-300 | 1200 | 1600 | 300 |
| 1300-400 | 1300 | 1800 | 400 |
| 1500-400 | 1500 | 2000 | 400 |
| 1600-500 | 1600 | 2200 | 500 |
| 1600-600 | 1600 | 2300 | 600 |
| 1700-600 | 1700 | 2400 | 600 |
| 1800-650 | 1800 | 2550 | 650 |

Mass Flow Spiral Conveyors

| Type | Dstc 1 | D | B |
|------------|--------|------|-----|
| 2100 - 254 | 2100 | 2454 | 254 |
| 2400 - 500 | 2400 | 3000 | 500 |
| 2500 - 400 | 2500 | 3000 | 400 |

Narrow Trak Spiral Conveyors

| Type | Dstc 1 | D | B |
|----------|--------|------|-----|
| 1100-150 | 1100 | 1350 | 150 |
| 1200-230 | 1200 | 1530 | 230 |

Dual Lane Spiral Conveyors

| Type | Dstc 1 / Dstc 2 | D | B |
|---------------------|-----------------|------|-----|
| 1200-300 / 2000-300 | 1200 / 2000 | 2400 | 300 |
| 1300-400 / 2300-400 | 1300 / 2300 | 2800 | 400 |
| 1600-500 / 2800-500 | 1600 / 2800 | 3400 | 500 |

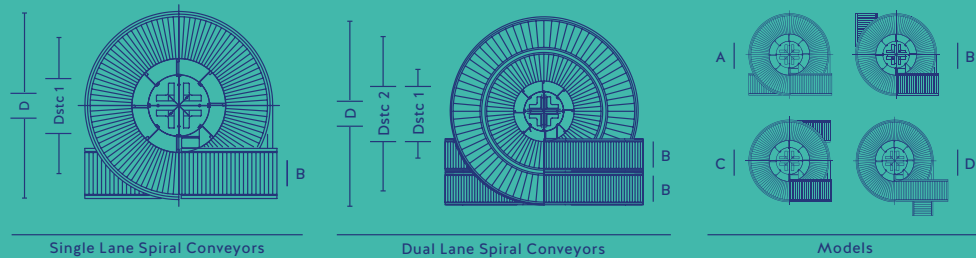
Heavy Duty Spiral Conveyors

| Type | Dstc 1 | D | B |
|-----------------|--------|------|-----|
| 1700 - 400 - HD | 1700 | 2200 | 400 |
| 1700 - 600 - HD | 1700 | 2400 | 600 |

Wide Trak Spiral Conveyors

| Type | Dstc 1 | D | B |
|----------|--------|------|-----|
| 2200-760 | 2200 | 3060 | 760 |
| 3000-900 | 3000 | 4000 | 900 |

*Other Models & Types on request



Stuff to move

Designed to handle...

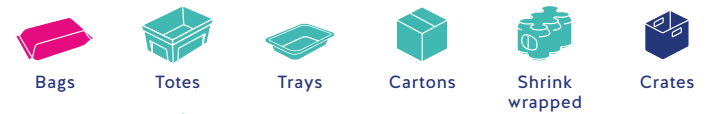
SINGLE & DUAL LANE



MASS FLOW



HEAVY DUTY



NARROW TRAK



WIDE TRAK



BUCKET ELEVATOR



Spiral Conveyor Single Lane

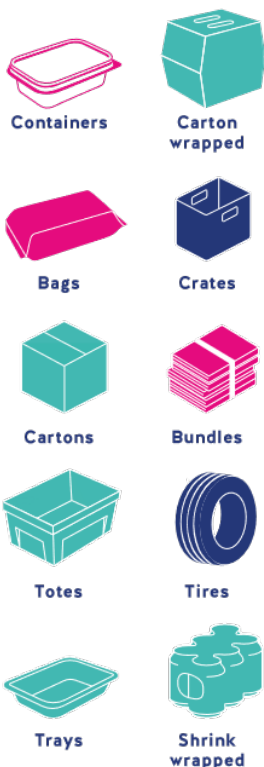
The APOLLO Spiral Conveyor is a proven reliable concept in vertical conveying, designed to conserve valuable floor space. The guide system includes low friction steel bearings and the chain is made of a heavy duty chrome plated steel construction. The guide rails are made of polyurethane embedded in an extruded aluminium profile. The slats are of moulded reinforced polycarbonate.

The Facts

- 50 kg/m
- 60 m/minute
- One motor
- Possibility to ship in several pieces
- Operate 24/7
- Small footprint
- Low friction operation
- Built-in protection

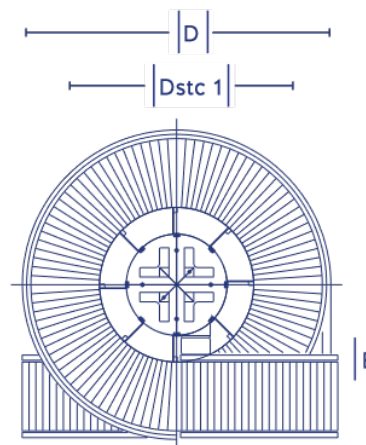


Designed to handle...



Facts & Measurements

The APOLLO Spiral Conveyors are of modular design and are available in several standard versions to accommodate a wide range of loads and applications. The Spiral Conveyors can go up or down and can be made reversible. All models can have extended infeed or outfeed, making Spiral Conveyors easy to fit in most lay outs.

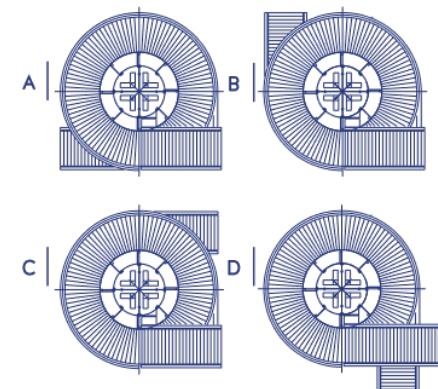


Models & Types*

| Type | Dstc 1 | D | B |
|----------|---------|---------|--------|
| 1200-300 | 1200 mm | 1600 mm | 300 mm |
| 1300-400 | 1300 mm | 1800 mm | 400 mm |
| 1500-400 | 1500 mm | 2000 mm | 400 mm |
| 1600-500 | 1600 mm | 2200 mm | 500 mm |
| 1600-600 | 1600 mm | 2300 mm | 600 mm |
| 1700-600 | 1700 mm | 2400 mm | 600 mm |
| 1800-650 | 1800 mm | 2550 mm | 650 mm |

*Other types on request

Spiral Conveyor | Single Lane



Configurations

Standard machine

| Part | Specifications |
|---------------------|---|
| Base structure | Coated aluminium pipe with galvanized cross beams |
| Chain configuration | Chrome plated chain |
| Plating | Coated in specified RAL colour |

Stainless steel dry use

| Part | Specifications |
|---------------------|---|
| Base structure | Stainless steel pipe with stainless steel cross beams |
| Chain configuration | Chrome plated chain |
| Plating | Stainless steel |

Stainless steel wash down

| Part | Specifications |
|---------------------|---|
| Base structure | Stainless steel pipe with stainless steel cross beams |
| Chain configuration | Chrome plated chain with stainless steel bearings |
| Plating | Stainless steel |



Spiral Conveyor Dual Lane

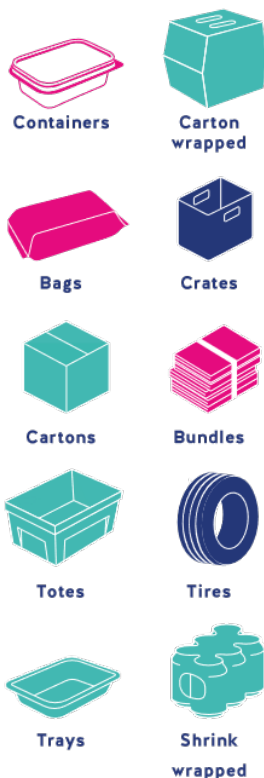
The APOLLO Dual Lane Spiral Conveyors have got two tracks running next to each other. Both tracks are separately driven and have the possibility to run synchronised or with different speeds and/or in opposite directions. This feature provides large flexibility for production facilities, where floor space is of utmost importance. The Dual Lane Spiral Conveyor can be executed with different track widths.

The Facts

- 50 kg/m
- 60 m/minute
- Small footprint
- Possibility to ship in several pieces
- Operate 24/7
- Low friction operation
- Built-in protection
- Double capacity

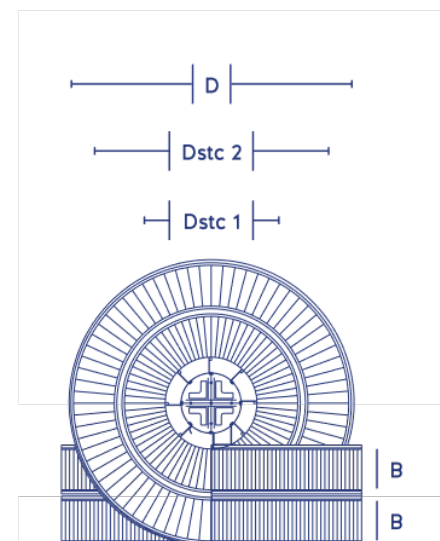


Designed to handle...



Facts & Measurements

The APOLLO Spiral Conveyors are of modular design and are available in several standard versions to accommodate a wide range of loads and applications. The Spiral Conveyors can go up or down and can be made reversible. All models can have extended infeed or outfeed, making Spiral Conveyors easy to fit in most lay outs.

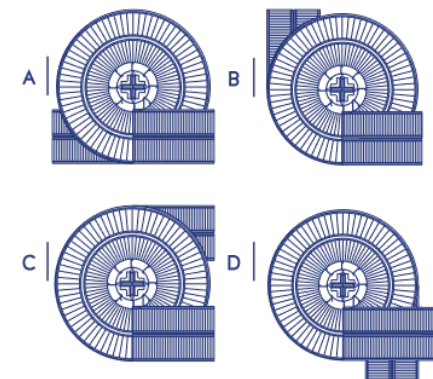


Models & Types*

| Type | Dstc 1 | Dstc 2 | D | B |
|---------------------|---------|---------|---------|--------|
| 1200-300 / 2000-300 | 1200 mm | 2000 mm | 2400 mm | 300 mm |
| 1300-400 / 2300-400 | 1300 mm | 2300 mm | 2800 mm | 400 mm |
| 1600-500 / 2800-500 | 1600 mm | 2800 mm | 3400 mm | 500 mm |

*Other types on request

Spiral Conveyor | Dual Lane



Configurations

Standard machine

| Part | Specifications |
|---------------------|---|
| Base structure | Coated aluminium pipe with galvanized cross beams |
| Chain configuration | Chrome plated chain |
| Plating | Coated in specified RAL colour |

Stainless steel dry use

| Part | Specifications |
|---------------------|---|
| Base structure | Stainless steel pipe with stainless steel cross beams |
| Chain configuration | Chrome plated chain |
| Plating | Stainless steel |

Stainless steel wash down

| Part | Specifications |
|---------------------|---|
| Base structure | Stainless steel pipe with stainless steel cross beams |
| Chain configuration | Chrome plated chain with stainless steel bearings |
| Plating | Stainless steel |



Spiral Conveyor Mass Flow

The APOLLO Mass Flow Spiral Conveyors are designed to handle full and empty bottles, cans, jars and other similar single containers. Products are conveyed up or down in a continuous mass flow. APOLLO Spiral Conveyors have a small footprint and provide considerable space savings compared to conventional methods. The Mass Flow Spiral Conveyors are equipped with extended in- and outfeed tangents to facilitate smooth side transfer to and from external conveyors. Mass Flow Spiral Conveyors can be delivered with integrated in- and outfeed conveyors to ensure a smooth side transfer of products.

The Facts

Up to 120.000 bottles/cans per hour

One motor

Possibility to ship in several pieces

Low friction operation

Operate 24/7

Built-in protection

Side transfer



Designed to
handle...



Cans



Jars



Bottles



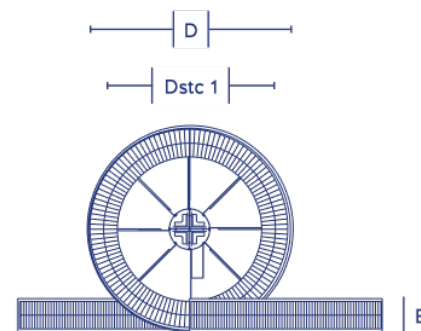
Cups



Pouches

Facts & Measurements

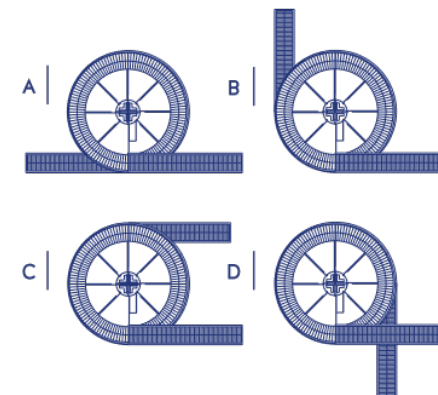
The APOLLO Spiral Conveyors are of modular design and are available in several standard versions to accommodate a wide range of loads and applications. The Spiral Conveyors can go up or down and can be made reversible. All models can have extended infeed or outfeed, making Spiral Conveyors easy to fit in most lay outs.



Models & Types*

| Type | Dstc 1 | D | B |
|------------|---------|---------|--------|
| 2100 - 254 | 2100 mm | 2454 mm | 254 mm |
| 2400 - 500 | 2400 mm | 3000 mm | 500 mm |
| 2500 - 400 | 2500 mm | 3000 mm | 400 mm |

*Other types on request



Configurations

Standard machine

| Part | Specifications |
|---------------------|---|
| Base structure | Coated aluminium pipe with galvanized cross beams |
| Chain configuration | Chrome plated chain |
| Plating | Coated in specified RAL colour |

Stainless steel dry use

| Part | Specifications |
|---------------------|---|
| Base structure | Stainless steel pipe with stainless steel cross beams |
| Chain configuration | Chrome plated chain |
| Plating | Stainless steel |

Stainless steel wash down

| Part | Specifications |
|---------------------|---|
| Base structure | Stainless steel pipe with stainless steel cross beams |
| Chain configuration | Chrome plated chain with stainless steel bearings |
| Plating | Stainless steel |



Spiral Conveyor Heavy Duty

The APOLLO Heavy Duty Spiral Conveyors can handle double the weight of our regular Spiral Conveyors. They can be shipped in one piece, which drastically reduces time and installation costs. The load capacity is 100 kg per meter for speeds up to 60 m/min. Only one motor is required, resulting in substantial savings in energy, controls and system integration. The Heavy Duty Spiral Conveyors can be delivered with shoot in and out conveyors for a multi-level product flow.

The Facts

- 100 kg/m
- 60 m/minute
- Possibility to ship in several pieces
- Built-in protection
- One motor
- Small footprint
- Operate 24/7

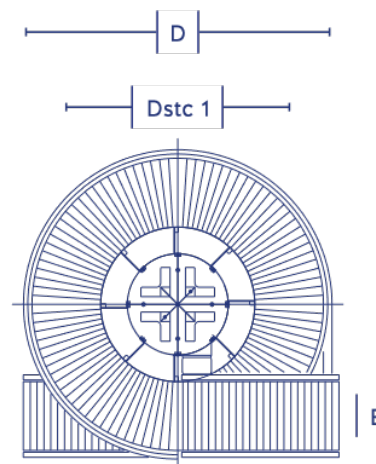


Designed to handle...



Facts & Measurements

The APOLLO Spiral Conveyors are of modular design and are available in several standard versions to accommodate a wide range of loads and applications. The Spiral Conveyors can go up or down and can be made reversible. All models can have extended infeed or outfeed, making Spiral Conveyors easy to fit in most lay outs.

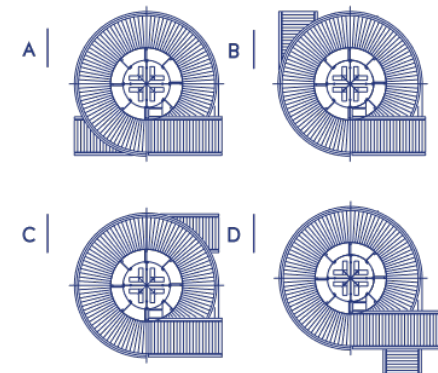


Models & Types*

| Type | Dstc 1 | D | B |
|-------------|---------|---------|--------|
| 1700-400-HD | 1700 mm | 2200 mm | 400 mm |
| 1700-600-HD | 1700 mm | 2400 mm | 600 mm |

*Other types on request

Spiral Conveyor | Heavy Duty



Configurations

Standard machine

| Part | Specifications |
|---------------------|---|
| Base structure | Coated aluminium pipe with galvanized cross beams |
| Chain configuration | Chrome plated chain |
| Plating | Coated in specified RAL colour |

Stainless steel dry use

| Part | Specifications |
|---------------------|---|
| Base structure | Stainless steel pipe with stainless steel cross beams |
| Chain configuration | Chrome plated chain |
| Plating | Stainless steel |

Stainless steel wash down

| Part | Specifications |
|---------------------|---|
| Base structure | Stainless steel pipe with stainless steel cross beams |
| Chain configuration | Chrome plated chain with stainless steel bearings |
| Plating | Stainless steel |



Spiral Conveyor Narrow Trak

The APOLLO Narrow Trak Spiral Conveyor is designed with the proven reliable APOLLO Spiral Conveyor philosophy being; rolling friction. The chain slat arrangement in combination with the smaller base structure makes the Narrow Trak a perfect solution to transport small, single items. The Narrow Trak Spiral Conveyor contains a specific slat design which allows side transfers instead of head to head transfer, allowing small products to enter and exit the Spiral Conveyor.

The Facts

Up to 25 kg/m

60 m/minute

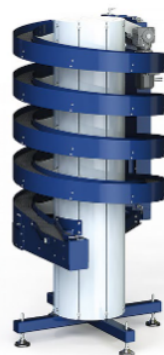
Small footprint

Possibility to ship in several pieces

Operate 24/7

Low friction operation

Possibility of side transfer



Designed to handle...



Containers



Pouches



Jars



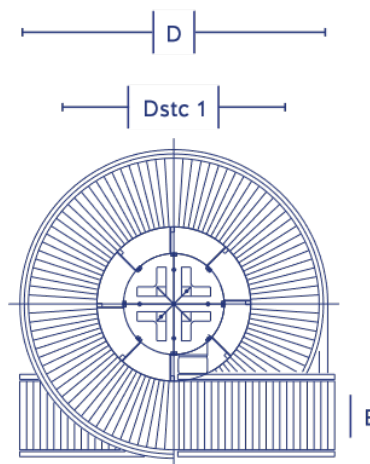
Cartons



Cans

Facts & Measurements

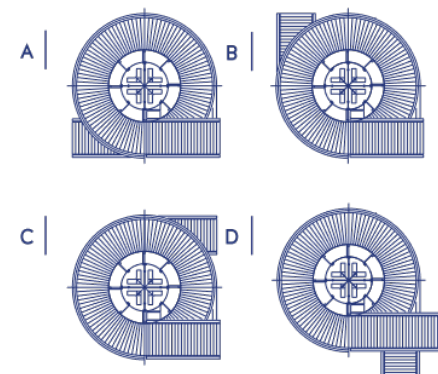
The APOLLO Spiral Conveyors are of modular design and are available in several standard versions to accommodate a wide range of loads and applications. The Spiral Conveyors can go up or down and can be made reversible. All models can have extended infeed or outfeed, making Spiral Conveyors easy to fit in most lay outs.



Models & Types*

| Type | Dstc 1 | D | B |
|----------|--------|------|-----|
| 1100-150 | 1100 | 1350 | 150 |
| 1200-230 | 1200 | 1530 | 230 |

*Other types on request



Configurations

Standard machine

| Part | Specifications |
|---------------------|---|
| Base structure | Coated aluminium pipe with galvanized cross beams |
| Chain configuration | Chrome plated chain |
| Plating | Coated in specified RAL colour |

Stainless steel dry use

| Part | Specifications |
|---------------------|---|
| Base structure | Stainless steel pipe with stainless steel cross beams |
| Chain configuration | Chrome plated chain |
| Plating | Stainless steel |

Stainless steel wash down

| Part | Specifications |
|---------------------|---|
| Base structure | Stainless steel pipe with stainless steel cross beams |
| Chain configuration | Chrome plated chain with stainless steel bearings |
| Plating | Stainless steel |



Spiral Conveyor Wide Trak

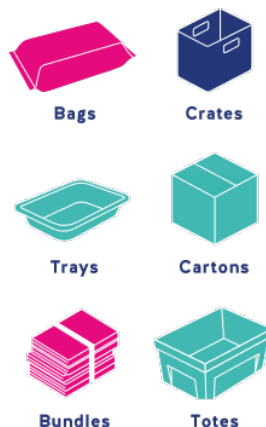
The APOLLO Wide Trak Spiral Conveyor can handle a variety of load sizes, big and small. It is ideal for warehousing and order picking operations. It reaches speeds up to 60 meter per minute and has a load capacity of 100 kg per meter. Only one motor is required, resulting in substantial savings in energy, controls and system integration.

The Facts

100 kg/m
60 m/minute
Product width up to 900 mm
Built in protection
Operate 24/7
Sustainability because only one motor is required
Possibility to transport different load sizes at the same time

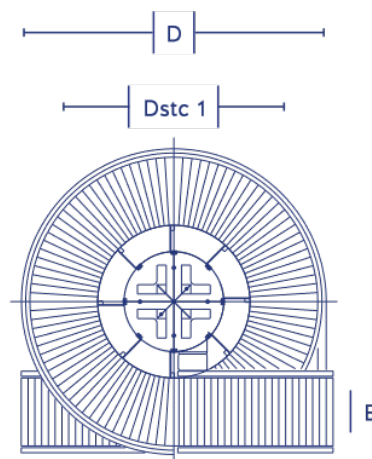


Designed to handle...



Facts & Measurements

The APOLLO Spiral Conveyors are of modular design and are available in several standard versions to accommodate a wide range of loads and applications. The Spiral Conveyors can go up or down and can be made reversible. All models can have extended infeed or outfeed, making Spiral Conveyors easy to fit in most lay outs.

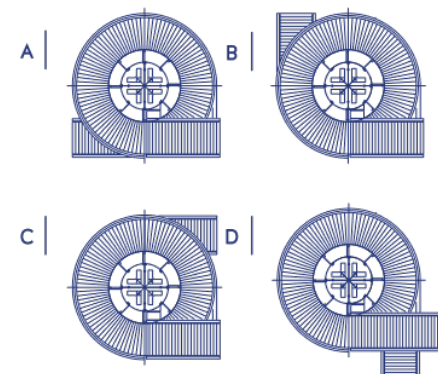


Models & Types*

| Type | Dstc 1 | D | B |
|------------|---------|---------|--------|
| 2200 - 760 | 2200 mm | 3060 mm | 760 mm |
| 3000 - 900 | 3000 mm | 4000 mm | 900 mm |

*Other types on request

Spiral Conveyor | Wide Trak



Configurations

Standard machine

| Part | Specifications |
|---------------------|---|
| Base structure | Coated aluminium pipe with galvanized cross beams |
| Chain configuration | Chrome plated chain |
| Plating | Coated in specified RAL colour |

Stainless steel dry use

| Part | Specifications |
|---------------------|---|
| Base structure | Stainless steel pipe with stainless steel cross beams |
| Chain configuration | Chrome plated chain |
| Plating | Stainless steel |

Stainless steel wash down

| Part | Specifications |
|---------------------|---|
| Base structure | Stainless steel pipe with stainless steel cross beams |
| Chain configuration | Chrome plated chain with stainless steel bearings |
| Plating | Stainless steel |

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