

Syntron Material Handling

**Syntron®
Vibrating Conveyors**



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Syntron® Vibrating Conveyors

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Syntron Material Handling

Proven Engineered Products – Complete Material Handling Solutions

Two powerful industry leading brands—**Link-Belt®** and **Syntron®**—have come together under a new company name, Syntron Material Handling, LLC, for one goal – better engineered products.

Established in May 2014, Syntron Material Handling (SMH) was built out of the legacies of Link-Belt Company and Syntron Company, formerly owned by FMC Technologies. Today, our 300 skilled employees have a combined 4,212 years of industry knowledge that they put into the SMH product every day. We are dedicated to providing customers with complete material handling solutions.

Let Syntron Material Handling's knowledgeable team help your business with conveying, feeding, screening, elevating, vibratory flow aids, and mining controls of bulk product. Whether optimizing existing systems or starting from the ground-up on new and customized plants or mines, our dedicated staff will provide you with the most efficient and cost-effective solutions.

"Our company structure will be very exciting and fast-paced as we charter our new path. The positive attitudes and skills of our employees, the strength of our products, and our long-term customer relationships are our foundation for success." said CEO Andy Blanchard.

An international leader for innovative solutions, Syntron Material Handling can improve the technology customers are already using. The Link-Belt® expertise and equipment have been instrumental in developing some of the world's largest belt conveyors. The Syntron® feeders are instrumental to supplying energy sources and material handling efforts across the globe.

Syntron Material Handling is committed to the success and growth of our company by investing in engineering capabilities, manufacturing efficiency and our world class customer service. Our dedicated employees and industry leading engineered products make us a market leader.

Syntron Material Handling operates two manufacturing facilities in the USA and China.

Our Quality Management System is certified to the ISO 9001:2015 standard. We are a charter member of CEMA, and active members of NSSGA, NMA, SME, FEMA, and PMMI.



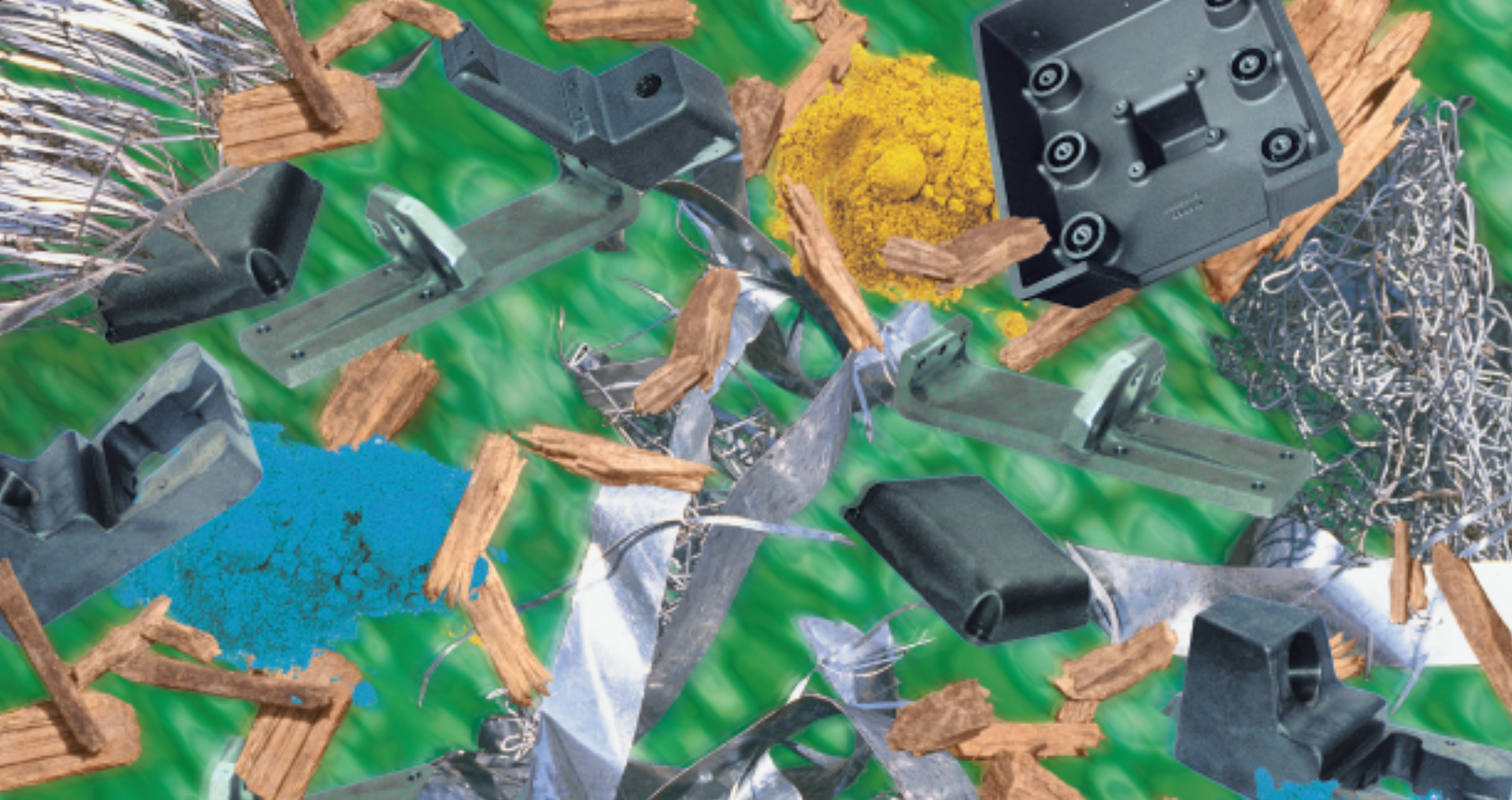
Call us today for all your material handling needs.

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Syntron®

Industrial Vibrating Conveyors

Transfer of bulk materials from one process or location to another.



Syntron® Vibrating Conveyors

**When it comes to conveying, the goal is clear:
maximum speed with minimal product degradation.**

Syntron conveyors from Syntron Material Handling can take you there. No matter the material – metal, glass, wood products, and chemicals – Syntron Material Handling can provide an efficient and effective conveying solution system for your process.

The technology behind Syntron vibrating conveyors is based on a combination of natural frequency and positive drive action that results in low operating power requirements with minimum stress on drive components. The positive action eccentric drive ensures constant amplitude under most operating conditions.

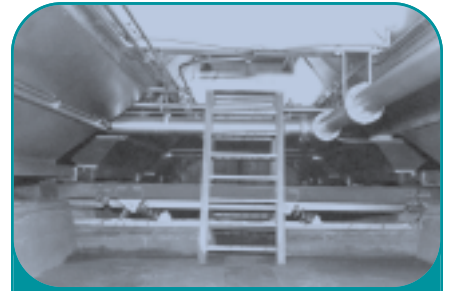
In addition, Syntron positive action drives provide uniform product flow as process demands change. This feature eliminates the need for precise, continual drive speed adjustment.

Syntron Vibrating conveyors are rugged, compact and easy to install and maintain. Their natural, gentle conveying action makes these units ideal for handling a wide range of free-flowing bulk materials, including hot, abrasive, fine, dusty, lumpy, stringy and other difficult-to-handle products.

Because no single conveyor system is suitable for all applications, Syntron Material Handling manufactures two types of vibrating conveyors – the Flexmount conveyor and the Coilmount conveyor. These two models cover most capacities and weight requirements for efficient, economical, industrial conveying applications. Base-mounted, non-isolated Flexmount and Coilmount conveyors must be mounted on a concrete foundation at grade level that is suitable to withstand the dynamic loads exerted. Please contact Syntron Material Handling to confirm actual recommended foundation requirements.

Features and Benefits include:

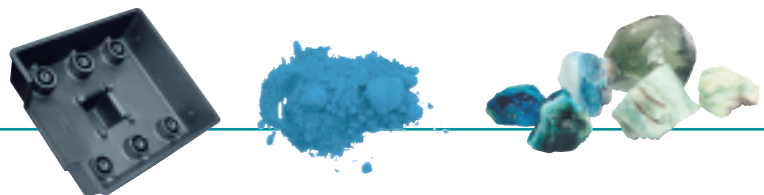
- **Flexibility** - Syntron vibrating conveyors are suitable for most applications operating conditions and arrangements – short or long runs, wide variety of materials. Single or multiple discharge points provide steady, even flow.
- **Gentle Handling** - allows the handling of thin, brittle castings with minimum degradation of fragile materials.
- **Low Maintenance** - only the drive requires lubrication. Low operating power requirements. Fewer moving parts result in less maintenance.
- **Positive Drive** - maintains conveying action even under operating surge load conditions.
- **Designed to last** - rugged construction to withstand demanding industrial environments and applications, even when sharp, abrasive materials are conveyed.



Flexmount vibrating conveyors used to reclaim and return steel abrasives to shot blast cleaning system, which prepares railroad cars for painting.



Coilmount vibrating conveyor transferring redwood bark to another Coilmount transfer conveyor.



Flexmount Vibrating Conveyors

Syntron® Flexmount vibrating conveyors provide an economical means of conveying a wide variety of granular, free-flowing materials, as well as odd-size materials such as metal scrap, with the assurance of years of dependable, trouble-free service.

Designed for light to medium capacity applications (up to 35 tph), these compact units are simple in construction, but are remarkably rugged and compact. Flexmount conveyors feature a positive action drive that provides the additional energy needed to handle varying loads beyond the natural frequency range of the conveyor. This enables the Flexmount conveyor to maintain a constant stroke whether loaded or empty. These conveyors are ideal for material handling applications in the chemical, forest products, metal cleaning and food processing industries.

Standard troughs for the Flexmount conveyor are 10 gauge mild steel construction with widths ranging from 8 to 48-inches. The troughs are also available in stainless steel. In addition, flanged troughs can be made of special materials. A variety of liner materials are available for handling corrosive or abrasive materials. Dust-tight or weather-tight models are available. The troughs are easily adaptable to collect materials from several infeed points and distribute materials through multiple intermediate gates.

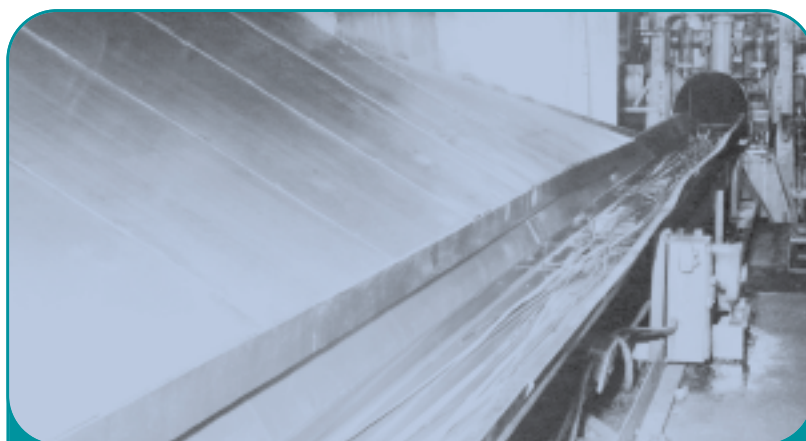
Flexmount conveyors install quickly and easily on concrete foundations or structures and require minimum maintenance.

Flexmount options

- Bolted or clamped covers
- Cover inlets
- Intermediate and end slide gates
- Standard engineered trough, base and drive sections
- End drive or intermediate drive
- Discharge chutes
- Sanitary base
- Scalping or screening sections
- Engineering capabilities for designing and building base mounted support structures



A 12-inch wide by 48-foot long Flexmount conveyor handling 6 TPH of spill sand. Grating and collecting hopper above collects spill sand from molding operation.



One of three chutes under shears in a chassis shop, discharging steel strips to Flexmount conveyors. Sloping baffle at discharge end of the conveyor directs scrap to chopper.



Flexmount trough assembly and positive drive

Flexmount trough assembly

Fiberglass leaf springs support the trough and material load and serve as a restoring energy system. This reduces the power consumption at operating speed. The fiberglass leaf springs are arranged in single, double or triple configurations based on the length and width of the conveyor.

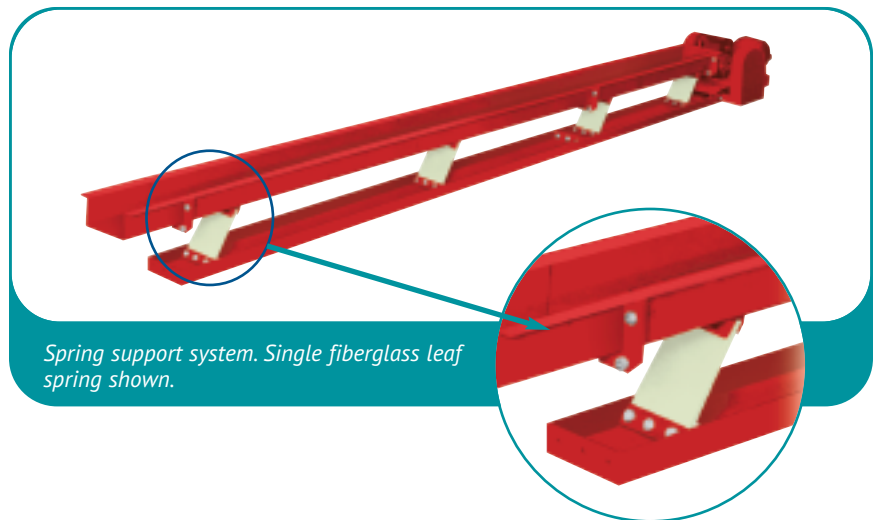
Flexmount positive drive

The Flexmount conveyor's positive drive system has heavy-duty spherical roller bearings, a cast steel connecting arm and a rubber-bushed or bronze wrist pin assembly, which is securely locked to the conveyor pan with taper lock bushings. This drive system maintains positive action regardless of load conditions. Drives are positioned either at the conveyor feed end (end drive) or along the conveyor length (intermediate drive).

For the intermediate drive, the motor and motor supports are independent of the conveyor base and can be purchased with the unit. Motors for intermediate drives can be mounted on either the left hand or right hand side of the conveyor.

Single-arm drives are used for 8- through 12-inch trough widths.

Double-arm drives are normally used on conveyors with 18-inch or wider troughs.



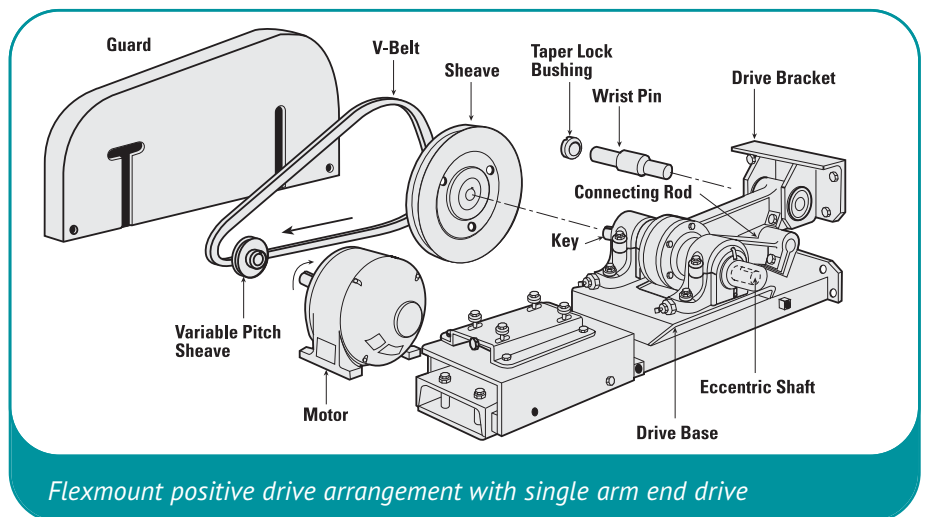
Flexmount single drive for conveyor model 2500.



Flexmount double drive for conveyor model 3500.



Positive drive system



Flexmount positive drive arrangement with single arm end drive

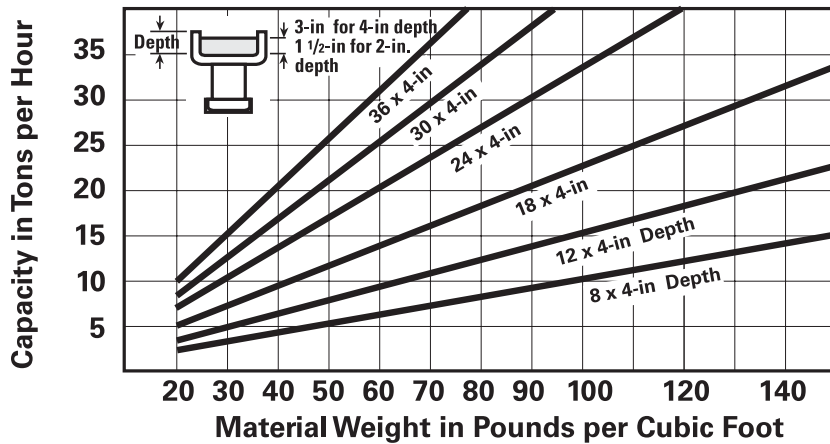
Flexmount components, capacities and dimensions

Flexmount Conveyor Components

Subassembly	Description
 FEED END DRIVE ASSEMBLY	Includes drive base, eccentric drive, drive bracket, V-belt drive with guard. Optional motor and motor starter are purchased separately.
 5-FOOT INTERMEDIATE DRIVE ASSEMBLY SECTION	Includes drive base, eccentric drive, 5-foot trough assembly with end plate, V-belt drive with guard. Flexmount legs and necessary bolts and nuts for connecting to conveyor are included. Optional motor and motor starter are purchased separately.
 END DRIVE AND 5-FOOT PRIMARY SECTION	Includes trough, base, 2 sets of Flexmount reactor springs and necessary bolts and nuts for connection to drive assembly or adjacent sections.
 10-FOOT PRIMARY SECTION	Includes trough, base, 3 sets of Flexmount reactor springs and necessary bolts and nuts for connection to end drive assembly or adjacent sections.
 10-FOOT SUPPLEMENTARY SECTION	Includes trough, base, 2 sets of Flexmount reactor springs and necessary bolts and nuts for connection to drive assembly or adjacent sections.
 TRANSFER SECTION	Includes discharge and flared in feed extensions. Required bolts and nuts included.
 12-INCH DISCHARGE PAN EXTENSION ASSEMBLY	Used to extend discharge beyond base. Required bolts and nuts included. Maximum length of 24-inches is available.
 TROUGH COVER	Used for dust-tight applications. Provided in 5-foot sections. Required clamps or bolts for attachment to standard trough section and sponge rubber gasket are included.

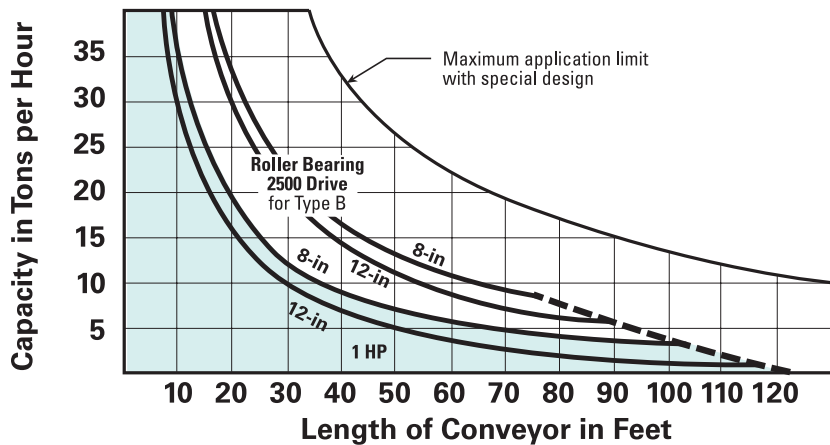
Flexmount Conveyor Capacities

Chart A • Capacity



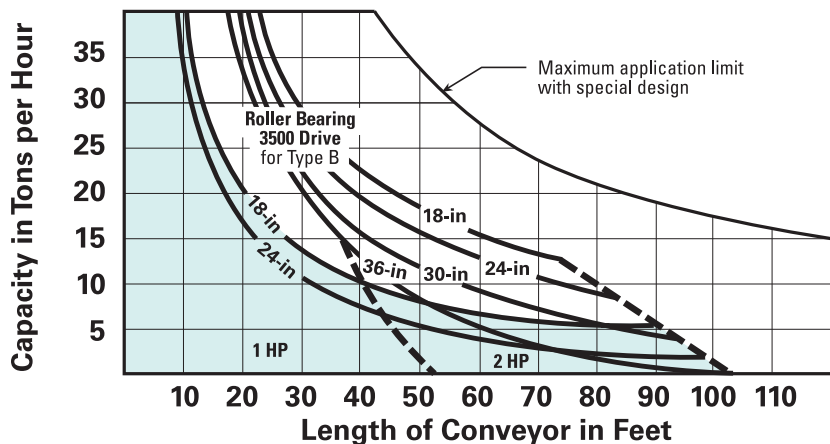
To determine the proper conveyor width required from Chart A, intersect conveyor capacity in tons per hour with material weight in pounds per cubic foot.

Chart B • Drive selection; single arm



To determine the correct drive system required from Charts B and C, intersect conveyor capacity in tons per hour with the required length of conveyor.

Chart C • Drive selection; double arm



Flexmount components, capacities and dimensions, cont'd.

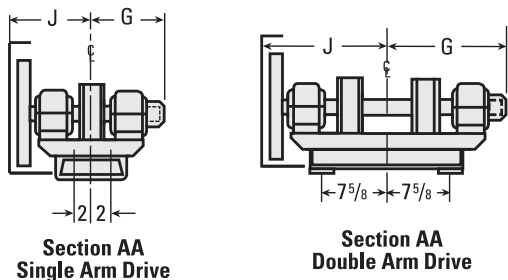
Flexmount Dimensions (inches)

To determine conveyor requirements, please refer to both the chart and dimensional illustrations on this page and the following page.

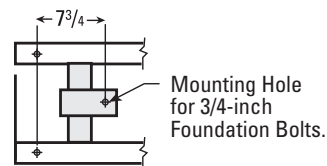
Trough Size width x depth A x B	C	D	G			J			K			L	M	N		P
			Inter- mediate drive	End drive Model		Inter- mediate drive	End drive Model		Inter- mediate drive	End drive Model				End drive only Model		
				2500	3500		2500	3500		2500	3500				2500	
8 x 4	5 ⁵ / ₈	10 ¹ / ₂	9 ¹ / ₂	9 ¹ / ₂	--	10 ¹ / ₄	10 ¹ / ₄	--	15 ³ / ₄	15 ³ / ₄	--	9 ¹ / ₂	10	44 ⁹ / ₁₆	--	--
12 x 4	5 ⁵ / ₈	14 ³ / ₄	9 ¹ / ₂	9 ¹ / ₂	--	10 ¹ / ₄	10 ¹ / ₄	--	15 ³ / ₄	15 ³ / ₄	--	9 ¹ / ₂	10	44 ⁹ / ₁₆	--	--
18 x 4	5 ⁵ / ₈	20 ³ / ₄	15 ¹ / ₂	9 ¹ / ₂	15 ¹ / ₂	15 ¹ / ₄	10 ¹ / ₄	15 ¹ / ₄	16 ¹ / ₄	15 ³ / ₄	14 ³ / ₄	9	10 ¹ / ₂	44 ⁹ / ₁₆	44 ¹ / ₄	--
24 x 4	5 ⁵ / ₈	26 ³ / ₄	15 ¹ / ₂	9 ¹ / ₂	15 ¹ / ₂	15 ¹ / ₄	10 ¹ / ₄	15 ¹ / ₄	16 ¹ / ₄	15 ³ / ₄	14 ³ / ₄	9	10 ¹ / ₂	44 ⁹ / ₁₆	44 ¹ / ₄	--
30 x 4	5 ⁵ / ₈	32 ³ / ₄	19 ¹ / ₂	9 ¹ / ₂	15 ¹ / ₂	19 ¹ / ₄	10 ¹ / ₄	15 ¹ / ₄	16 ¹ / ₄	15 ³ / ₄	14 ³ / ₄	9	10 ¹ / ₂	44 ⁹ / ₁₆	44 ¹ / ₄	11 ⁵ / ₈
36 x 4	6 ¹ / ₈	38 ³ / ₄	22 ¹ / ₂	9 ¹ / ₂	15 ¹ / ₂	22 ¹ / ₄	10 ¹ / ₄	15 ¹ / ₄	16 ¹ / ₄	15 ³ / ₄	14 ³ / ₄	9	10 ¹ / ₂	44 ⁹ / ₁₆	44 ¹ / ₄	14 ⁵ / ₈
48 x 4	6 ¹ / ₈	50 ³ / ₄	27 ¹ / ₂	9 ¹ / ₂	15 ¹ / ₂	27 ¹ / ₄	10 ¹ / ₄	15 ¹ / ₄	16 ¹ / ₄	15 ³ / ₄	14 ³ / ₄	9	10 ¹ / ₂	44 ⁹ / ₁₆	44 ¹ / ₄	19 ⁵ / ₈

Certify all dimensions for installation purposes.

Feed End Drive Section

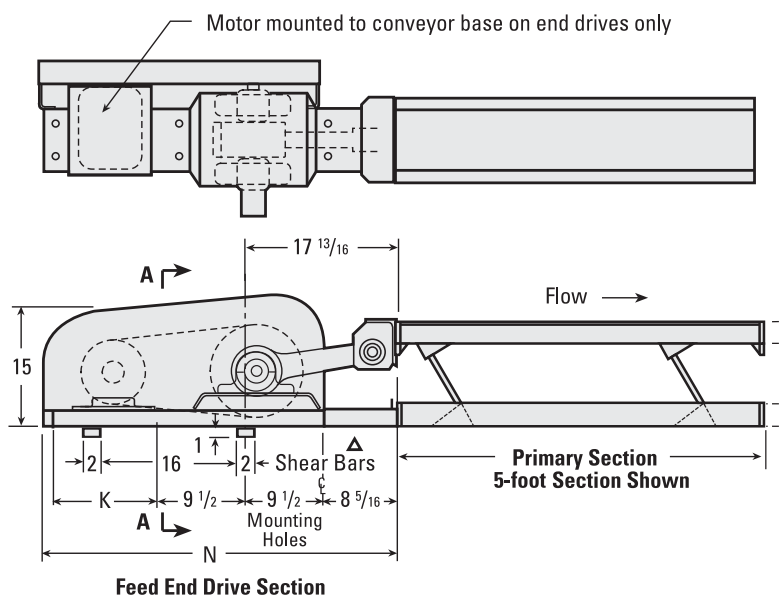


Typical Mounting Hole Arrangement



View BB
30-, 36-, 48-inch Sizes Only

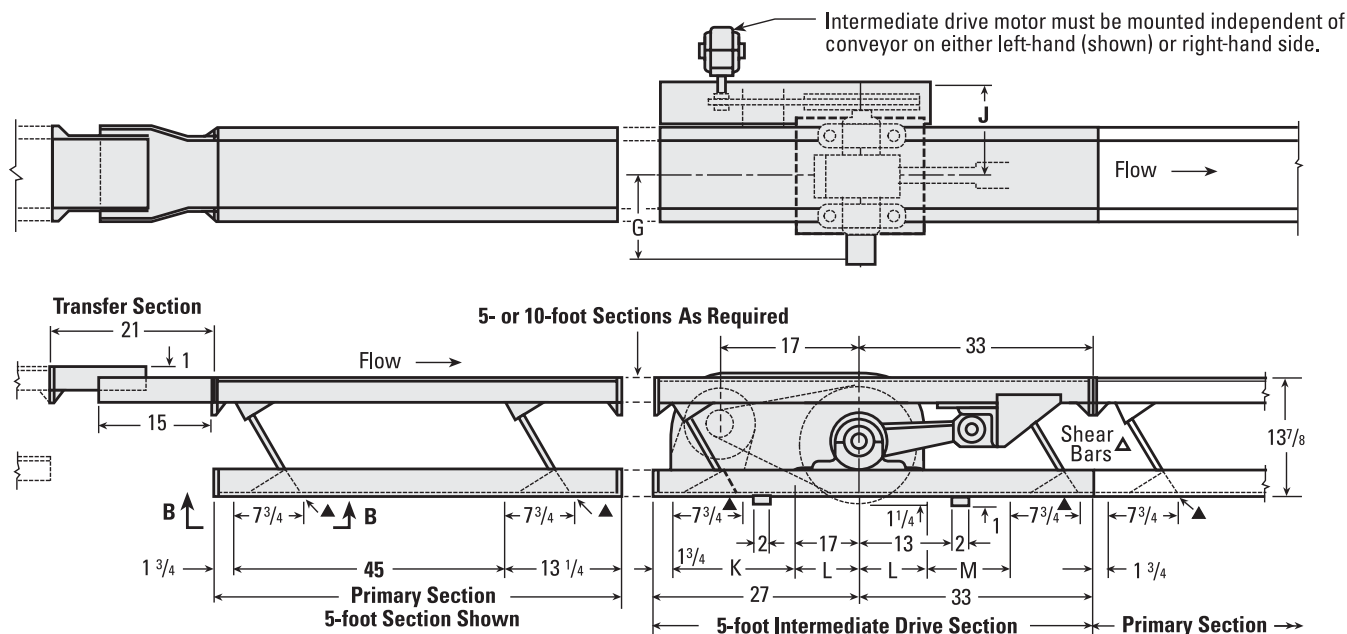
End Drive and 5-Foot Primary Section



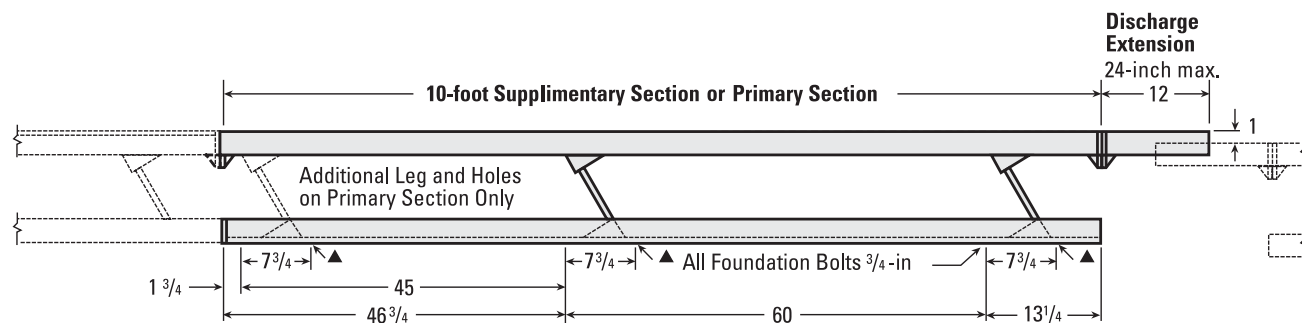
Base-mounted, non-isolated Flexmount and Coilmount conveyors must be mounted on a concrete foundation at grade level that is suitable to withstand the dynamic loads exerted. Please contact Syntron Material Handling to confirm actual recommended foundation requirements.

Dimensions in inches.

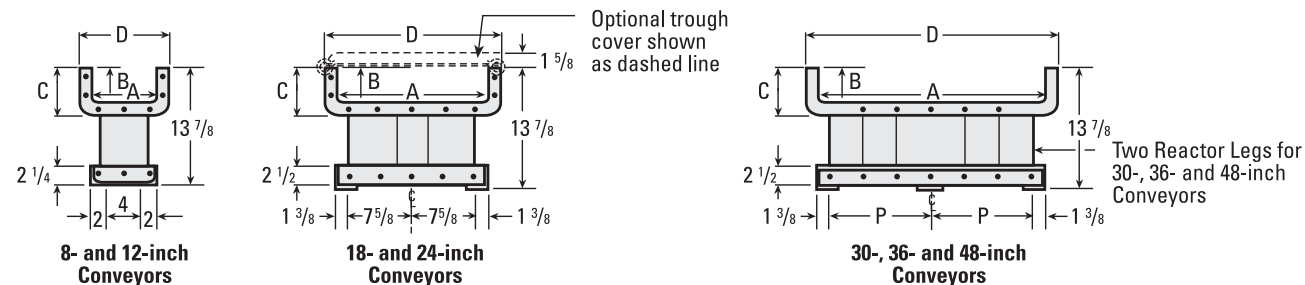
Transfer Section, 5-Foot Primary Section and 5-Foot Intermediate Drive Assembly Section



10-Foot Supplementary Section and Discharge and Infeed Extension Assemblies



Trough Width and Depth Dimensions



▲ Additional hole on C/L of 30-, 36- and 48-inch conveyors.

▲ Shear bars are shipped loose and are to be welded to bottom of conveyor if installation is to be on concrete.

Dimensions in inches



Coilmount vibrating conveyors

Coilmount Vibrating Conveyors

Syntron® Coilmount Oscillating Conveyors are ideally suited to convey a variety of materials including granular, free-flowing materials, fragile or sticky materials, and abrasive materials such as ores, sand, castings and scrap metal.

Ruggedly constructed to provide reliable and economical service, the units can also be modified to suit specific scalping, cooling, heating and drying processes. The Coilmount handles large capacities of low- to high-density materials.

Coilmount conveyors can be quickly and easily installed on concrete foundations or on structures near grade level. These conveyors are available in standard sizes of 10-inch and 20-inch widths with 6-inch deep troughs. A 12-inch deep trough is also available. Coilmount conveyors are constructed of either 10 gauge or 3/16-inch mild or stainless steel. In addition, flanged troughs can be made of special materials. A variety of liner materials are available for handling corrosive or abrasive materials. Troughs can also be furnished with covers which attach with bolts or quick-acting fasteners. Installing gaskets between the cover and trough creates a seal for dust-tight or weather-tight applications. Inlet spouts and exhaust vents can also be provided to meet specific conveying processes.



Type A Coilmount



Type B Coilmount



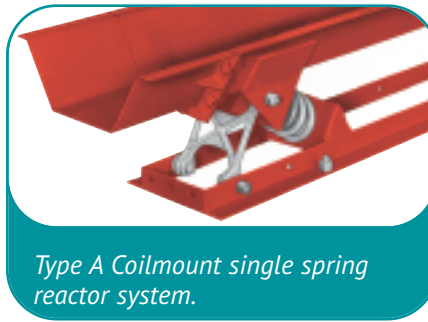
A 20-inch wide Coilmount conveyor handling wood chips. Installed on upper floor of building, the conveyor has a spring mounted and counterweighted base to isolate vibration from building structure.



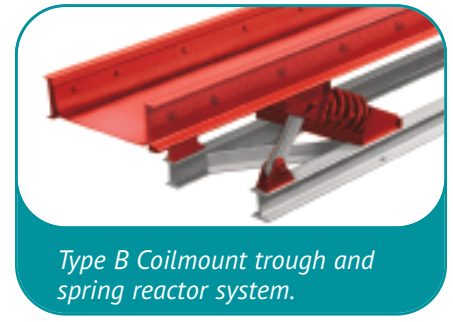
Coilmount trough assembly and positive drive

Type A and B Coilmount trough assembly

The conveyor trough is supported by rubber-bushed aluminum stabilizer legs. Heavy-duty coil springs are used as a restoring energy system, providing reduced power consumption at operating speed. Single-spring reactor systems are furnished for 10-inch widths, and double-spring reactor systems are used on 20-inch widths.



Type A Coilmount single spring reactor system.



Type B Coilmount trough and spring reactor system.

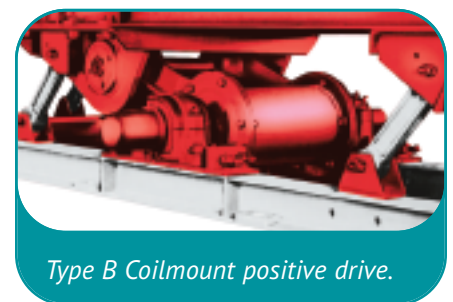
Type A and B Coilmount drive

The Coilmount conveyor's positive drive system has heavy-duty spherical roller bearings, a cast steel connecting arm, and a rubber-bushed or bronze wrist pin assembly, which is securely locked to the conveyor pan with taper lock bushings. This drive system maintains positive action regardless of load conditions. Drives are positioned either at the conveyor feed end as an end drive or along the conveyor length as an intermediate drive.

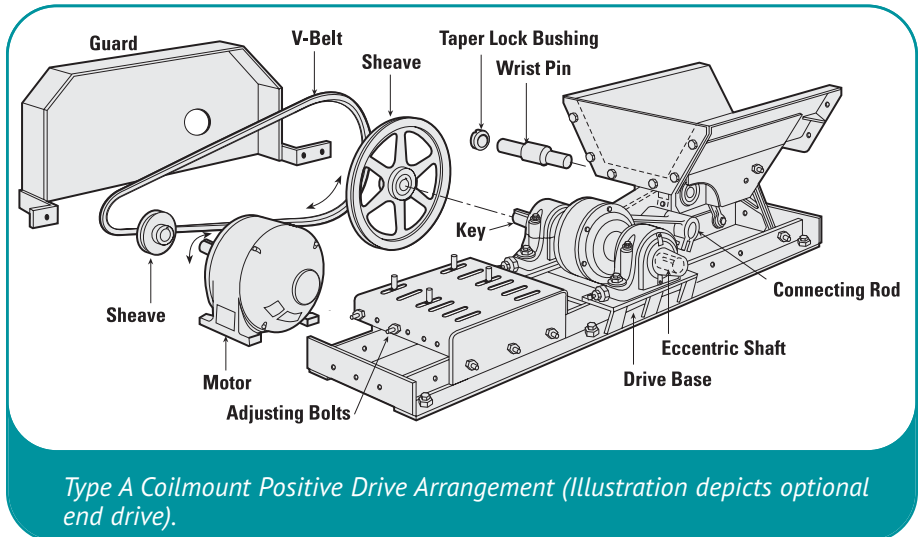
For the intermediate drive, optional motor and motor supports are independent of the conveyor base and can be purchased with the unit. Motors for intermediate drives can be mounted on either the left-hand or right-hand side of the conveyor.



Type A Coilmount positive drive.



Type B Coilmount positive drive.



Type A Coilmount Positive Drive Arrangement (Illustration depicts optional end drive).



Type A Coilmount single drive for conveyor model 2500.



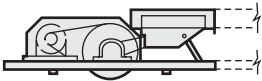

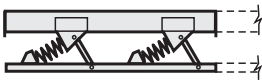
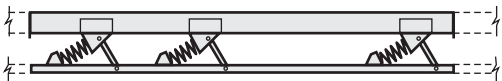
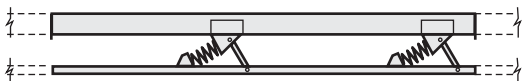
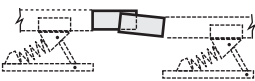
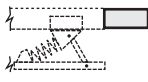

Type A Coilmount double drive for conveyor model 3500.

Type A Coilmount conveyors feature single-arm drives for 10-inch trough widths. Double-arm drives are furnished on 20-inch wide Type A conveyors.



Type A Coilmount components, capacities and dimensions

Type A Coilmount Conveyor Components

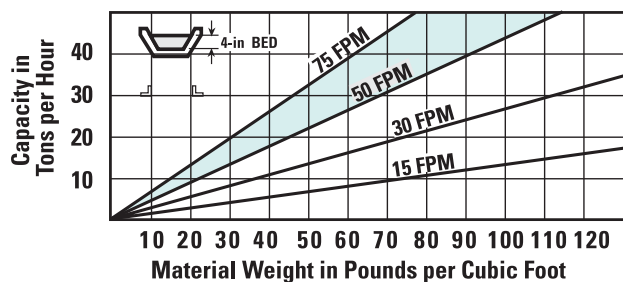
Subassembly	Description
 FEED END DRIVE ASSEMBLY	Includes drive base, shear bars, eccentric drive, V-belt drive with guard, bolts and nuts for connecting to conveyor section, and a 2-foot long section of trough. Optional motor and motor starter are purchased separately.
 5-FOOT INTERMEDIATE DRIVE SECTION	Typically located anywhere in conveyor, preferably at center. Includes drive base, shear bars, eccentric drive, 5-foot trough assembly, V-belt drive with guard, rocker legs and necessary bolts and nuts for connecting to conveyor trough section. Optional motor and motor starter are purchased separately.
 5-FOOT PRIMARY SECTION	Includes trough, base, 2 sets of Coilmount reactor springs and necessary bolts and nuts for connection to drive assembly or adjacent sections.
 10-FOOT PRIMARY SECTION	Includes trough, base, 3 sets of Coilmount reactor springs and necessary bolts and nuts for connection to end drive assembly or adjacent sections.
 10-FOOT SUPPLEMENTARY SECTION	Includes trough, base, 2 sets of Coilmount reactor springs and necessary bolts and nuts for connection to drive assembly or adjacent sections.
 TRANSFER SECTION	Includes discharge and feed extensions. Required bolts and nuts included.
 DISCHARGE EXTENSION	Used to extend discharge beyond base. Required bolts and nuts included. Standard length is 12-inches. Maximum length of 24-inches is available.
 TROUGH COVER	Used for dust-tight applications. Provided in 5-foot sections. Required clamps or bolts for attachment to standard trough section and sponge rubber gasket are included.

Type A Coilmount Conveyor Capacities

To determine the required material travel speed from Capacity Charts A and B, intersect conveyor capacity in tons per hour with material weight in pounds per cubic foot.

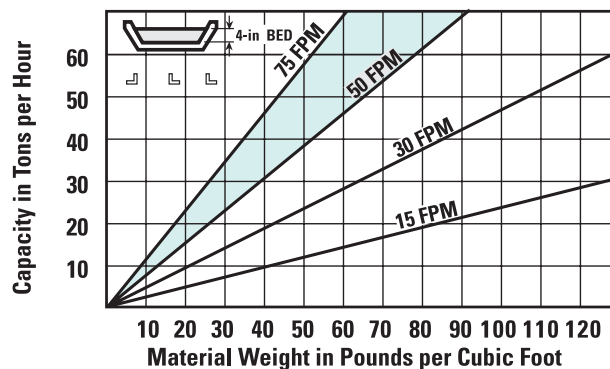
10 x 6 Conveyor

Chart A • Capacity; 10-inch wide*



20 x 6 Conveyor

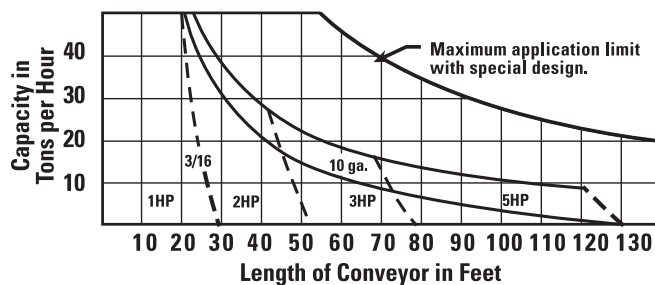
Chart B • Capacity; 20-inch wide*



To determine the correct motor horsepower from Drive Selection Charts C and D, intersect conveyor capacity in tons per hour with the required length of the conveyor.

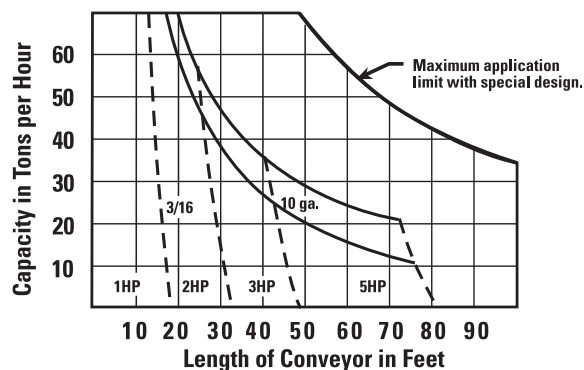
10 x 6 Conveyor

Chart C • Drive Selection; 10-inch wide*



20 x 6 Conveyor

Chart D • Drive Selection; 20-inch wide*



* Contact Syntron Material Handling for capacity and horsepower requirements of 10- x 12-inch and 20- x 12-inch models.

Type A Coilmount components, capacities and dimensions, cont'd.

Type A Coilmount Conveyor Dimensions

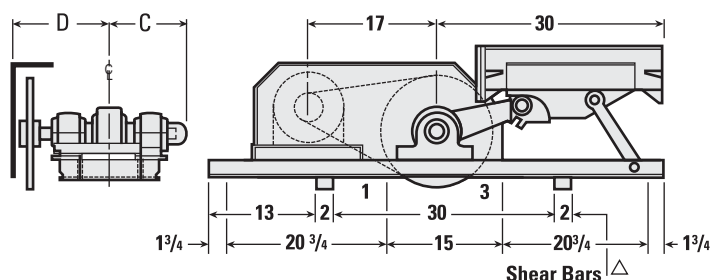
Trough size Width/Depth	Horsepower	Inches			
		A	B	C	D
10 x 6	1 and 2	26 1/2	10 3/8	10 5/8	12 1/4
10 x 12	3 and 5	26 1/2	11 7/8	10 5/8	12 1/4
20 x 6	1 and 2	30 5/8	14 1/2	14 3/4	16 3/8
20 x 12	3 and 5	30 5/8	16	14 3/4	16 3/8

Certify all dimensions for installation purposes.
Dimensions in inches.

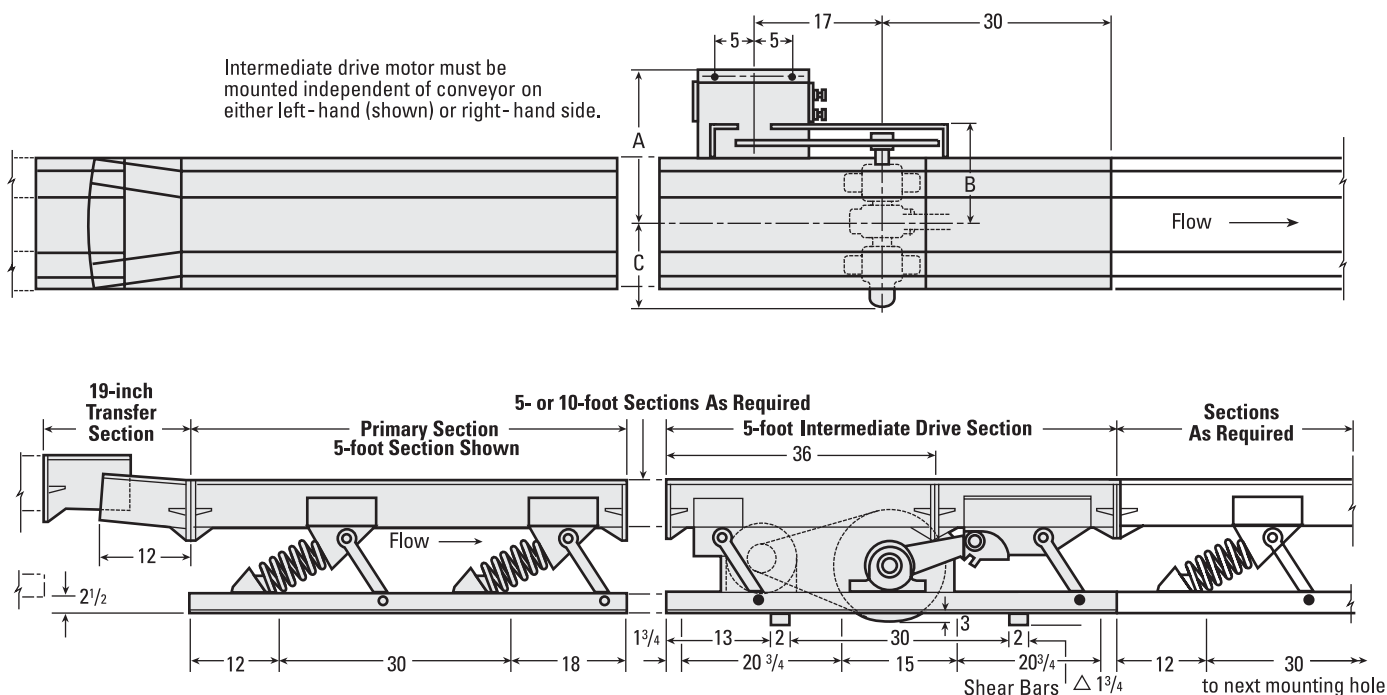
To determine conveyor requirements, please refer to both the chart and dimensional illustrations on this page and the following page.

Base-mounted, non-isolated Flexmount and Coilmount conveyors must be mounted on a concrete foundation at grade level that is suitable to withstand the dynamic loads exerted. Please contact Syntron Material Handling to confirm actual recommended foundation requirements.

5-Foot Feed End Drive Section

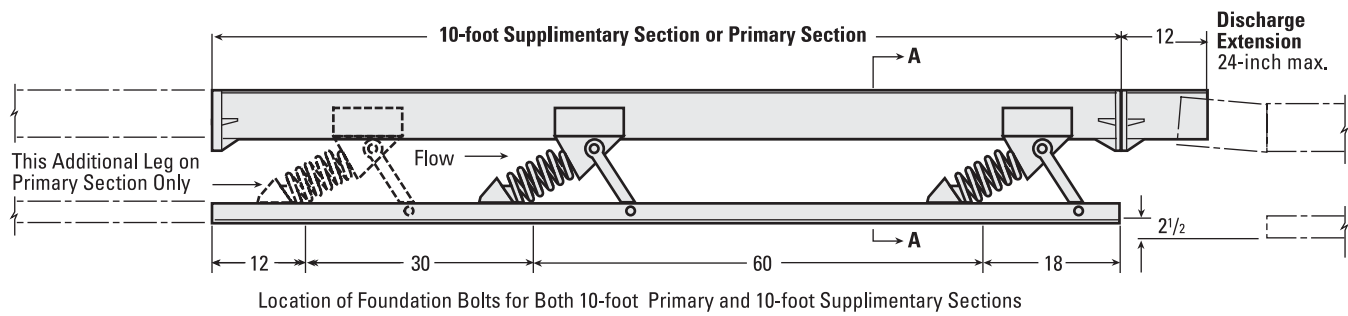


Transfer Section, 5-Foot Primary Section and 5-Foot Intermediate Drive Section



▲ Shear bars are shipped loose and are to be welded to bottom of conveyor if installation is to be on concrete.
Dimensions in inches

10-Foot Supplementary or Primary Section



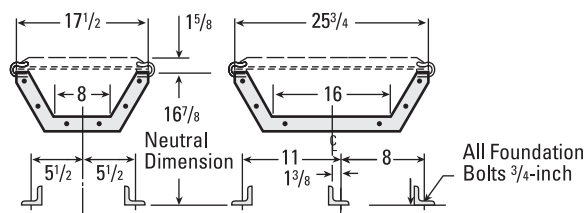
Trough Width and Depth

10- x 6-inch Conveyor

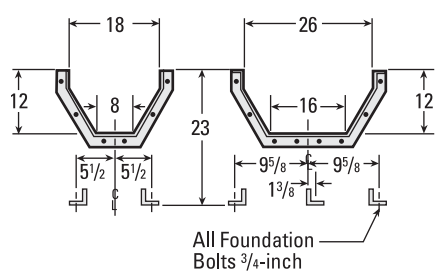
20- x 6-inch Conveyor

10- x 12-inch Conveyor

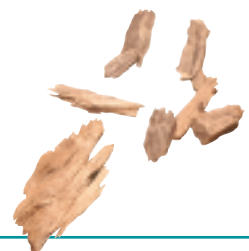
20- x 12-inch Conveyor



Optional covers shown as dashed lines

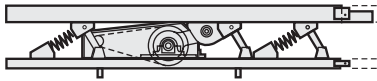
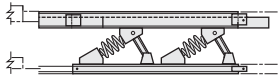

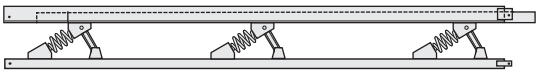
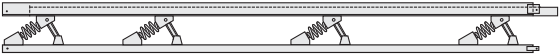
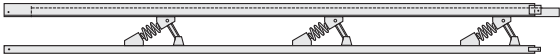
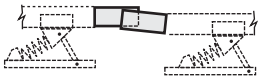




Coilmount conveyor handling redwood bark from a debarker to another Coilmount transfer conveyor.



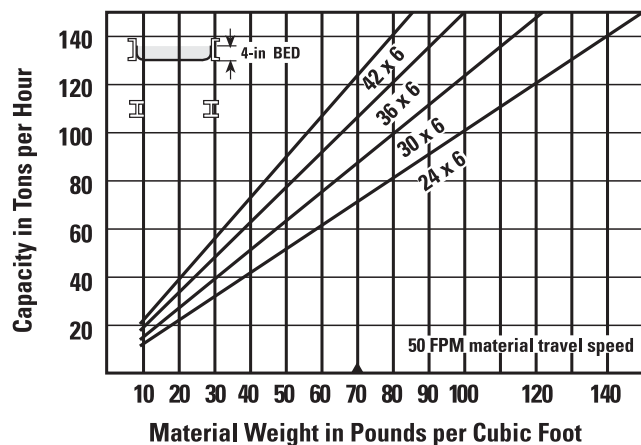
Type B Coilmount components, capacities and dimensions, cont'd.

Type B Coilmount Conveyor Components

Subassembly	Description
 <p>10-FOOT INTERMEDIATE DRIVE SECTION</p>	Typically located anywhere in conveyor, preferably at center. Includes drive base, shear bars, eccentric drive, 10-foot trough assembly, V-belt drive with guard, rocker legs and necessary bolts and nuts for connecting to conveyor trough section. Optional motor and motor starter are purchased separately.
 <p>5-FOOT PRIMARY SECTION</p>	Typically located at feed end of conveyor. Includes trough, base, 2 sets of Coilmount reactor springs and necessary nuts and bolts for connection to drive assembly or adjacent sections.
 <p>10-FOOT PRIMARY SECTION</p>	Typically located at feed end of conveyor when intermediate drive is used. Includes trough, base, 2 sets of Coilmount reactor springs and necessary nuts and bolts for connection to drive assembly or adjacent sections.
 <p>15-FOOT PRIMARY SECTION</p>	Typically located at feed end of conveyor when intermediate drive is used. Includes trough, base, 3 sets of Coilmount reactor springs and necessary nuts and bolts for connection to drive assembly or adjacent sections.
 <p>20-FOOT PRIMARY SECTION</p>	Typically located at feed end of conveyor when intermediate drive is used. Includes trough, base, 4 sets of Coilmount reactor springs and necessary nuts and bolts for connection to drive assembly or adjacent sections.
 <p>20-FOOT SUPPLEMENTARY SECTION</p>	Typically located anywhere in conveyor except at feed end. Includes trough, base, 3 sets of Coilmount reactor springs and necessary bolts and nuts for connection to drive assembly or adjacent sections.
 <p>TRANSFER SECTION</p>	Used when connecting conveyors in line. Includes discharge and feed extensions. Required bolts and nuts included.
 <p>DISCHARGE EXTENSION</p>	Used to extend discharge beyond base. Required bolts and nuts included. Standard length is 12-inches. Maximum length of 24-inches is available.
 <p>TROUGH COVER</p>	Used for dust-tight applications. Provided in 5-foot sections. Required clamps or bolts for attachment to standard trough section and sponge rubber gasket are included.

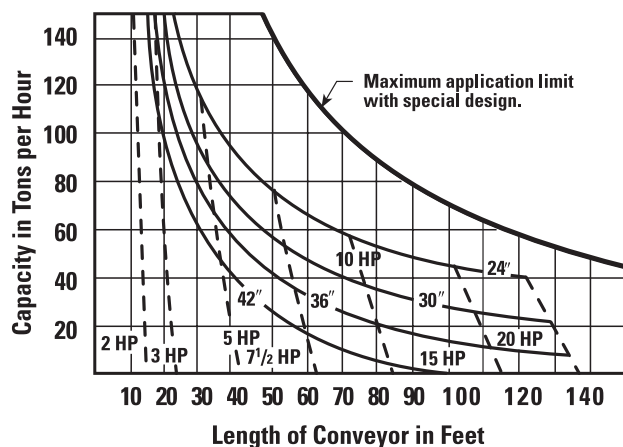
Type B Coilmount Conveyor Capacities

Chart E • Capacity; Type B



To determine the required material travel speed from Capacity Chart E, intersect conveyor capacity in tons per hour with material weight in pounds per cubic foot.

Chart F • Drive Selection; Type B



To determine the correct motor horsepower from Drive Selection Chart F, intersect conveyor capacity in tons per hour with the required length of the conveyor.



Coilmount conveyors can be installed at inclines of up to 15 degrees, depending on the characteristics of the material being handled.



Type B Coilmount components, capacities and dimensions, cont'd.

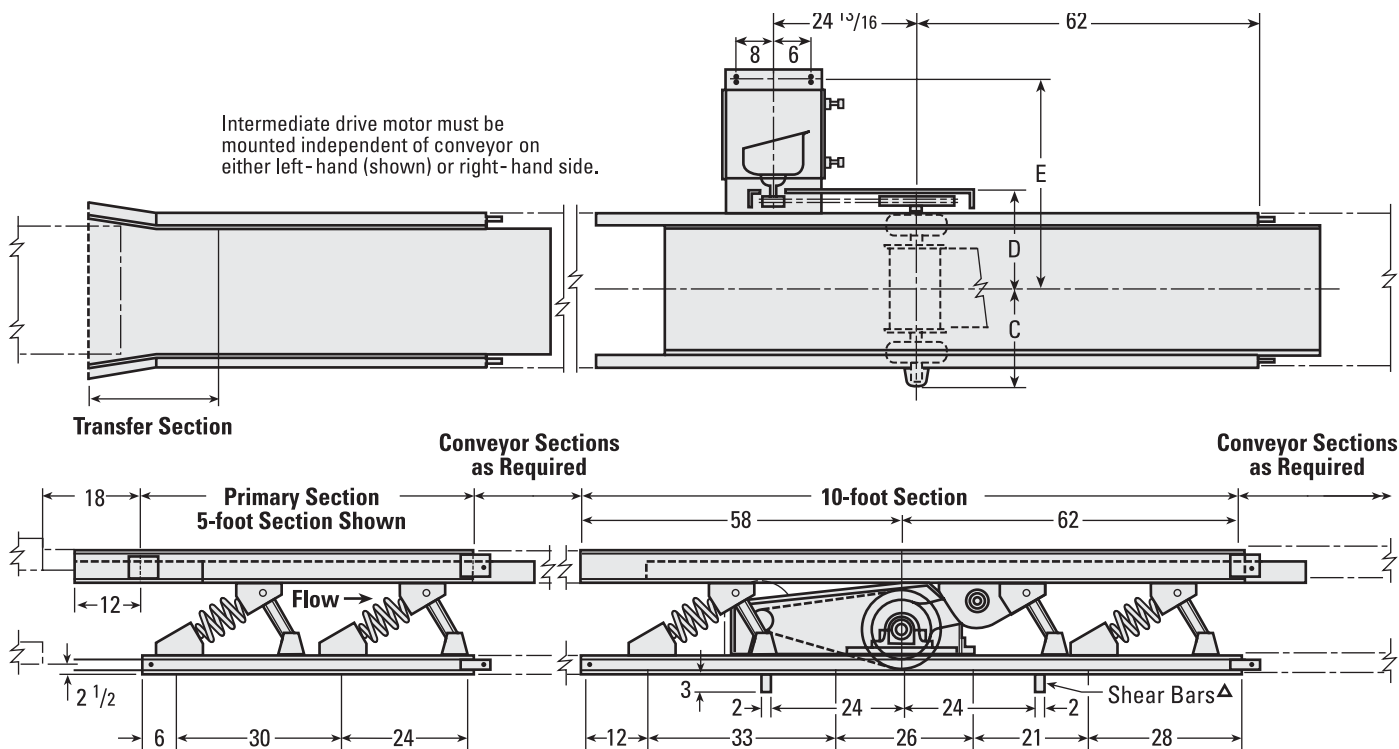
Type B Coilmount Conveyor Dimensions

Trough width inches (A)	Inches			
	B	C	D	E
24	12 ⁵ / ₈	18 ⁷ / ₈	18 ¹ / ₂	37
30	15 ⁵ / ₈	21 ⁷ / ₈	21 ¹ / ₂	40
36	18 ⁵ / ₈	24 ⁷ / ₈	24 ¹ / ₂	43
42	21 ⁵ / ₈	27 ⁷ / ₈	27 ¹ / ₂	46

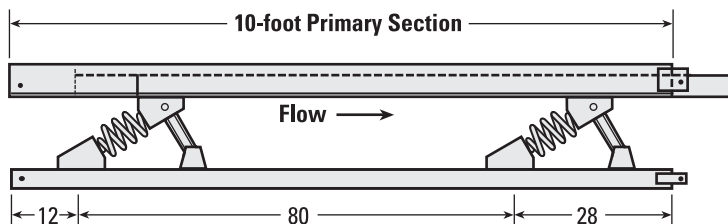
To determine conveyor requirements, please refer to both the chart and dimensional illustrations on this page and the following page.

Certify all dimensions for installation purposes.
Dimensions in inches.

Transfer Section, 5-Foot Primary Section and 5-Foot Intermediate Drive Section

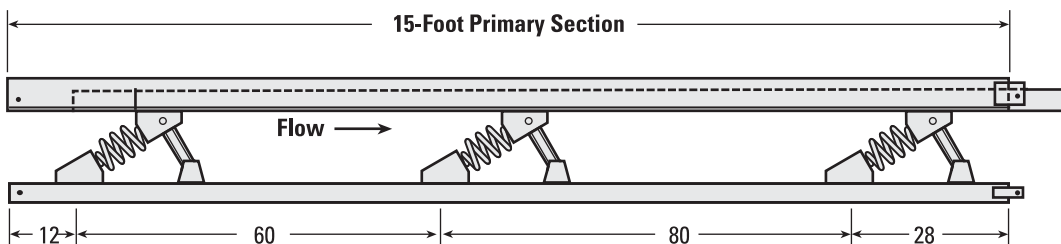


10-Foot Primary Section

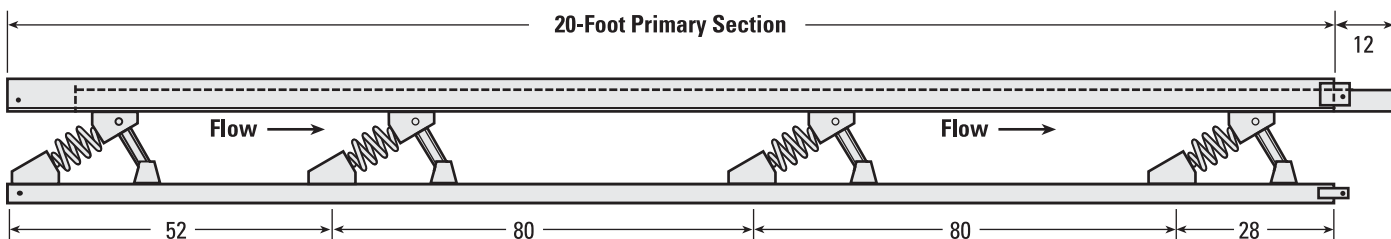


▲ Shear bars are shipped loose and are to be welded to bottom of conveyor if installation is to be on concrete.
Dimensions in inches

15-Foot Primary Section

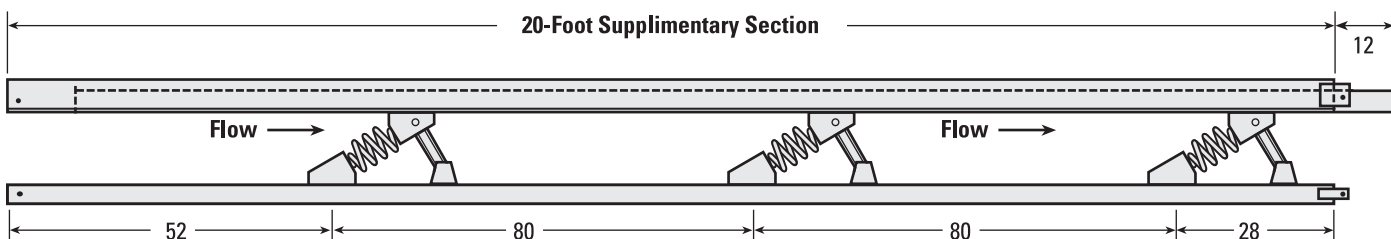


20-Foot Primary Section



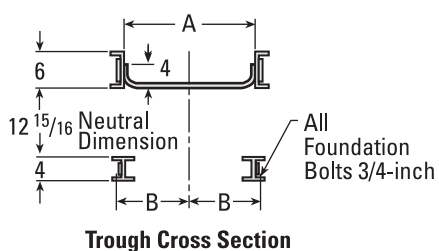
Location of Foundation Bolts for 20- Foot Supplementary Sections

20-Foot Supplementary Section

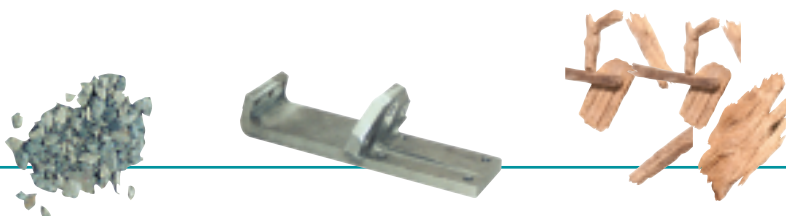


Location of Foundation Bolts for 20- Foot Primary Sections

Trough Cross Section



Base-mounted, non-isolated Flexmount and Coilmount conveyors must be mounted on a concrete foundation at grade level that is suitable to withstand the dynamic loads exerted. Please contact Synron Material Handling to confirm actual recommended foundation requirements.



Syntron Material Handling
P.O. Box 1370
Tupelo, Mississippi 38802
Phone: 662.869.5711
Fax: 662.869.7449

Data Sheet
Syntron® Industrial Vibrating Conveyors
Flexmount “B” / Coilmount “A”

Supplement this data sheet with additional comments and/or drawings that will assist in a complete description of the application. All sections must be completed.								
Material to be Handled	Name or Description				Sample Being Furnished <input type="checkbox"/> Yes <input type="checkbox"/> To be Returned <input type="checkbox"/> No <input type="checkbox"/> To be Destroyed			
Weight Per Cubic Foot	Moisture Content		Temperature		Abrasiveness <input type="checkbox"/> None <input type="checkbox"/> High <input type="checkbox"/> Mild			
Corrosiveness <input type="checkbox"/> None <input type="checkbox"/> High <input type="checkbox"/> Mild	Normal Capacity (tons per hour)		Maximum Capacity (tons per hour)		Surge	Duty <input type="checkbox"/> Continuous Hrs/Day		
Mounting	Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Inclined <input type="checkbox"/> From the Horizontal <input type="checkbox"/> Rigid Mount <input type="checkbox"/> Height off Floor							
Flexible Connector	Type	Location <input type="checkbox"/> Inlet <input type="checkbox"/> Discharge		Drive	Location <input type="checkbox"/> End <input type="checkbox"/> Intermediate			
Trough	Inlet <div style="display: flex; justify-content: space-around; align-items: center;"> <input type="checkbox"/> <input type="checkbox"/> </div>							
	Discharge <div style="display: flex; justify-content: space-around; align-items: center;"> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> </div>							
	Trough Section Standard:	<input type="checkbox"/> Standard “B” Flexmount 			<input type="checkbox"/> Standard “A” Coilmount 			
	Special:	<input type="checkbox"/> Liner or Expansion Pan (“B” Flexmount) 			<input type="checkbox"/> Liner or Expansion Pan (“A” Coilmount) 			
	Width	Depth	Length	Thickness	Cust. Preference of Mat'l.			
Cover	Cover Section <input type="checkbox"/> <input type="checkbox"/> * Other							
	Dimensions – (Std. Section length – 5’ 0”) Width		Depth	Flat	Total Length	Mounting <input type="checkbox"/> Bolted		
Customer type: <input type="checkbox"/> User <input type="checkbox"/> OEM <input type="checkbox"/> Dist. <input type="checkbox"/> Mfg. Rep.								
Company Name:					Contact:			
Address:					Phone:			
City:	State:	Zip:	Fax:	Email:				

10215 11/17/15

Syntron® service and support

At Syntron Material Handling, we understand that good, reliable equipment — operating at peak performance — is crucial to your bottom line. That's why we're committed to giving our customers value — before, during and after the sale.

Syntron Material Handling Solutions are based on the most rugged, reliable and durable vibratory equipment available — Syntron vibrating feeders, conveyors, screens, parts feeders and bin vibrators.

To begin with, we'll help you select the right equipment, considering all the variables of your application in order to maximize production and reduce costs.

Once you're up and running, our Syntron Services Team will keep you on top and moving ahead. We're on call — at the factory or in the field — wherever and whenever you need us for parts, service, inspection and training.

Dependable equipment is critical to your operation, and your success is critical to our success. At Syntron Material Handling, your satisfaction is our number one priority. You can rely on us.



Syntron

Material Handling

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