



Rubber Combo Conveyor Belt

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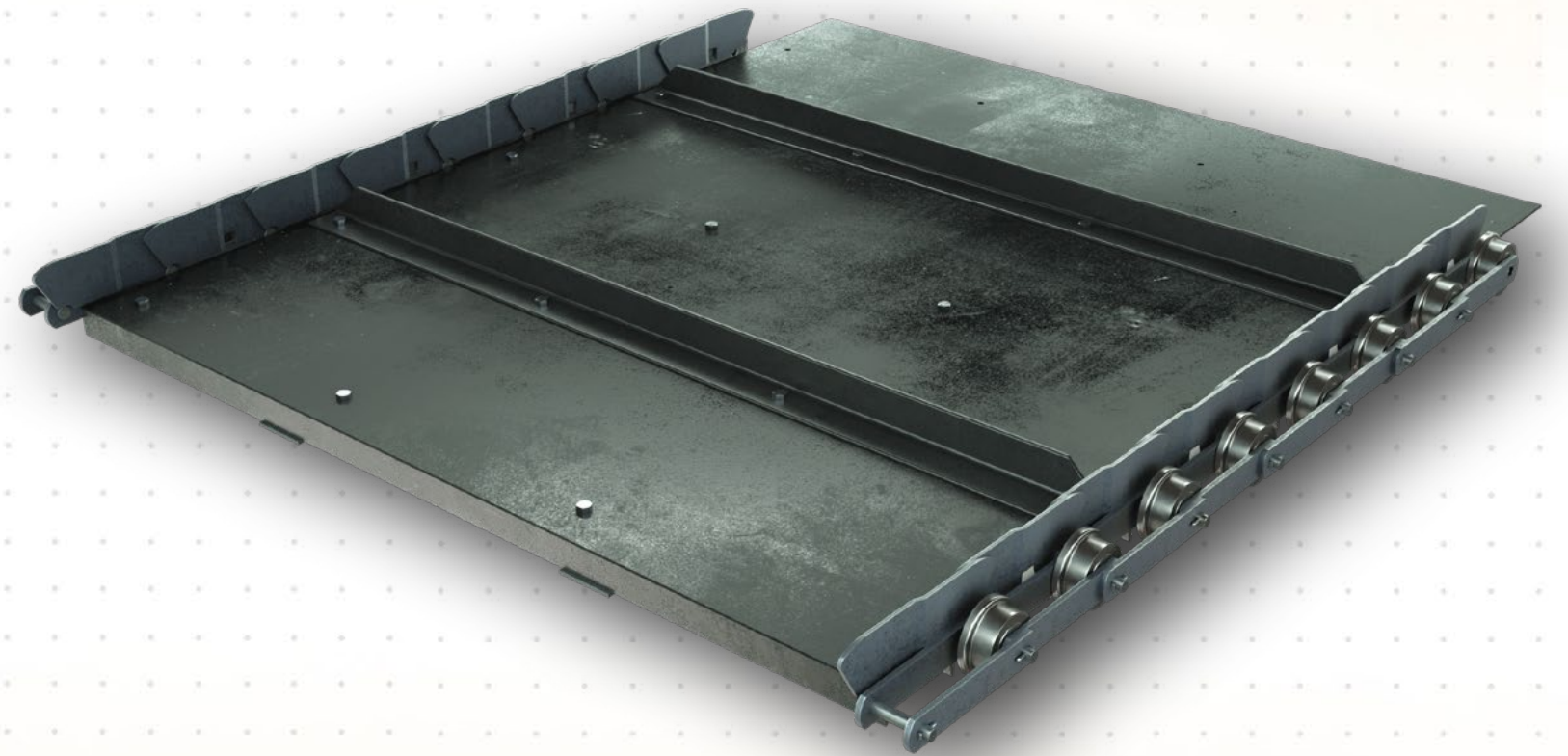


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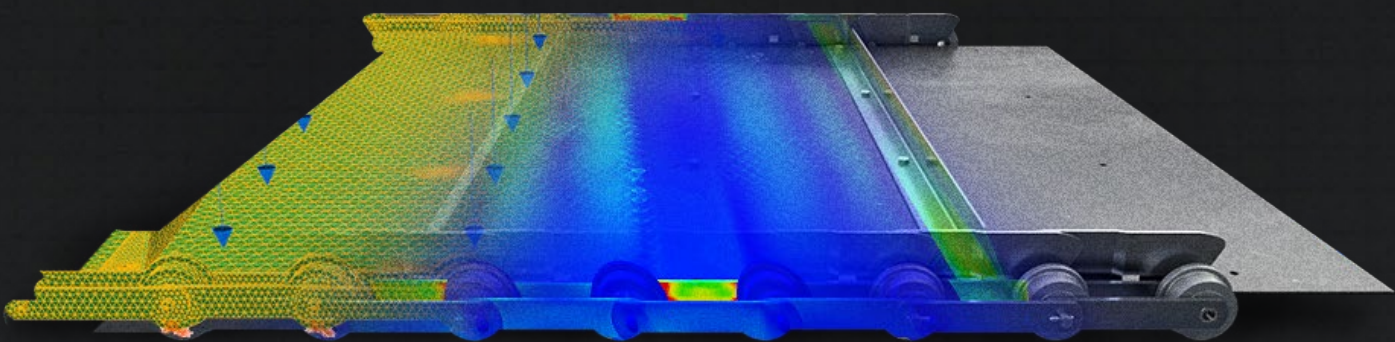


Rubber Combo Replacement Conveyor Belts

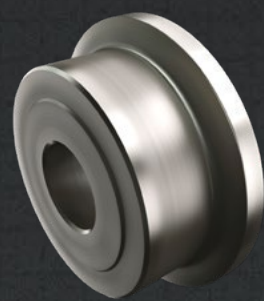
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Fluent Rubber Combination conveyor belts are as heavy-duty as they come. These C-channel reinforced belts are the perfect mid-weight applications for processing cardboard, paper, old newspaper, plastics, shredded paper, and more.

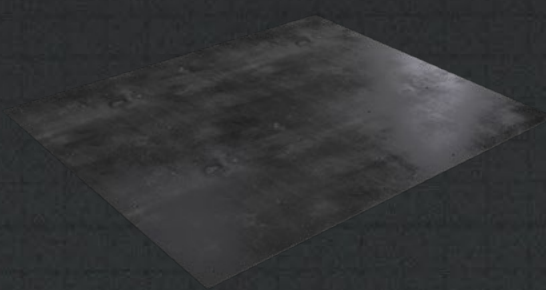
Rubber combo belts come in 6", and 9" pitch options up to 84" wide (optional larger). 2 Ply 220# and 3 Ply 330# belting, precision die punched wings, single flanged and sintered steel rollers, solid locking pins C-channel backing and add-on options such as cleats, upgraded chain, larger rollers and more. These belts deliver smooth operations time and time again.



Solutions / Replacement Belt Parts



Hardened Sintered Rollers



2 Ply 220# or 3 Ply 330# Rubber Segments



Heavy Duty C-Channel



C1045 Precision Chain



Assembled Rubber Combo Segments

Key Features

C-CHANNEL REINFORCEMENTS

INTERLOCKING SIDE WINGS

COTTER PINS

DOUBLE ROW SIDE BARS

CUSTOM ANGLE CLEATS

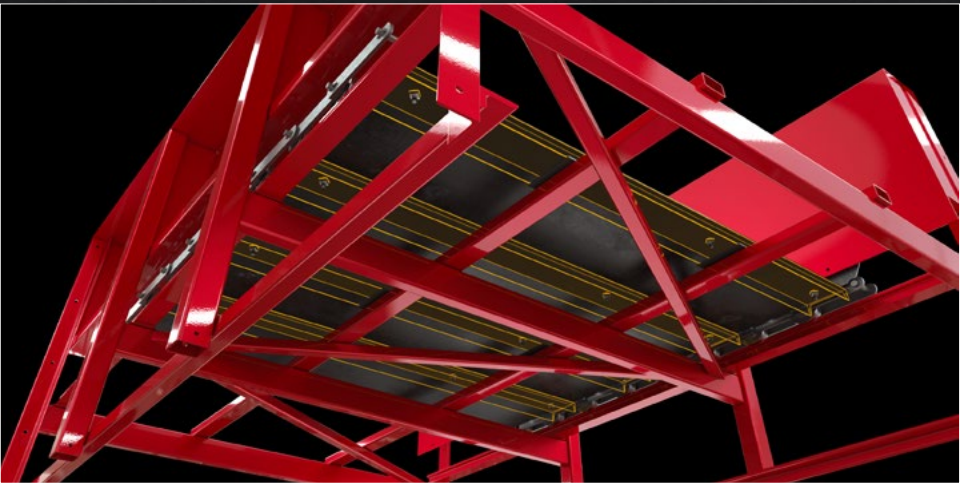
SOLID MACHINED BUSHINGS

HEAVY DUTY RUBBER 22-330

HEAVY DUTY IMPACT PADS

HARDENED SINTERED STEEL ROLLERS

HEADED STUB PINS



C-Channel Reinforcements

C 3" x 5# up C 6" x 8.2# heavy duty channel every other pitch.



Interlocking Side Wings

2- 1/2", 3" & 4" high precision die formed interlocking offset wing 1/8" - 1/4" thick wing fully mig welded to the chain bar to prevent scrap build up.



Cotter Pins

Easy maintainance of chain and to secure the rods to the rollers. Solid locking pins available.



Double Row Side Bars

Standard 2" x 1/4" thick C1045 precision die-punched sidebar. Additions include 2" x 3/8" thick and 2.5" x 1/2" thick. 1.125" wide x 3/16" thick on the smaller pitches.

Key Features

C-CHANNEL REINFORCEMENTS

INTERLOCKING SIDE WINGS

COTTER PINS

DOUBLE ROW SIDE BARS

CUSTOM ANGLE CLEATS

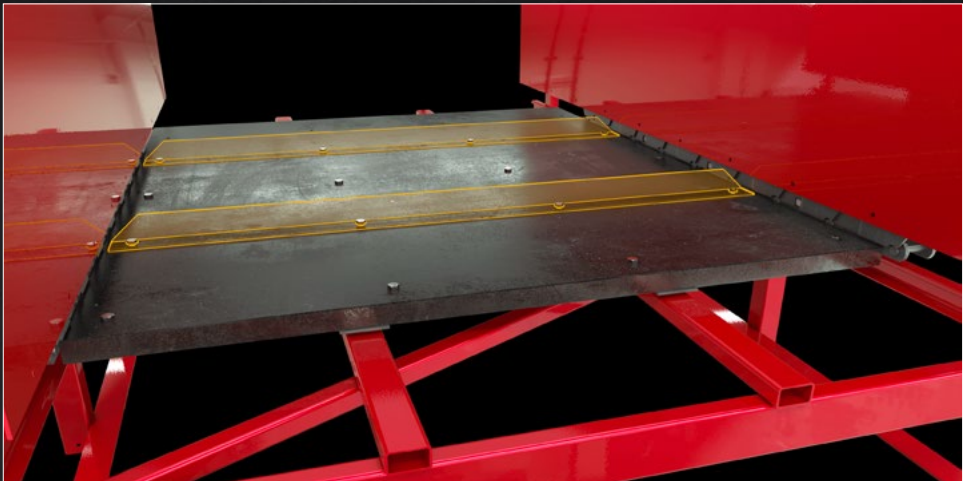
SOLID MACHINED BUSHINGS

HEAVY DUTY RUBBER 220-330

HEAVY DUTY IMPACT PADS

HARDENED SINTERED STEEL ROLLERS

HEADED STUB PINS



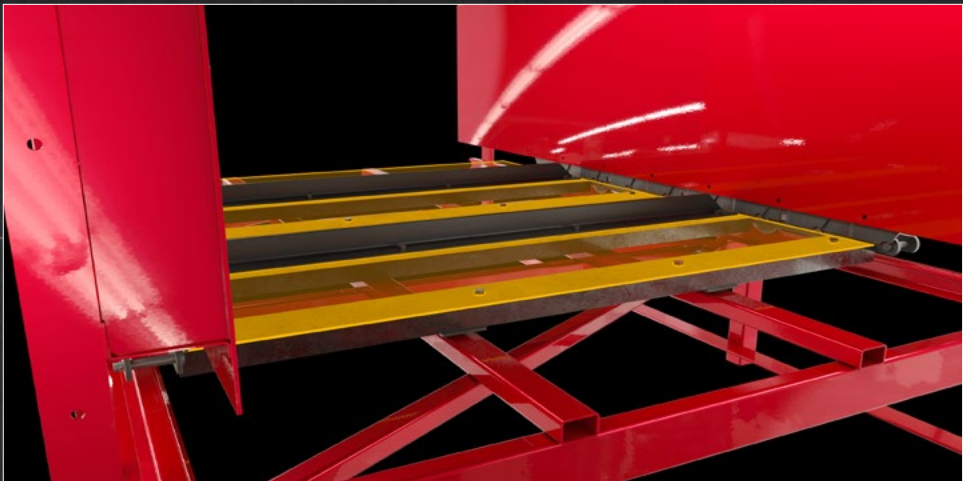
Customs Angle Cleats

1/4" or 3/8" thick angle cleats in 2", 3" or 4" high options.



Solid Machined Bushings

1/2" - 1.0" ID x 0.69" - 1.38" OD Long 1018 solid, machined bushing. Carburized, hardened RC55-60, press fit into inner side bars.



Heavy Duty Rubber 220- 330

FluentConveyors 2 ply 220 up to 3 ply 330. Custom options available upon request. Max width without longitudinal splice is 84" wide.



Heavy Duty Impact Pads

Custom number of rows, 1/4", 3/8", 1/2" and 1" thick plate impact shoes every other pitch.

Key Features

C-CHANNEL REINFORCEMENTS

INTERLOCKING SIDE WINGS

COTTER PINS

DOUBLE ROW SIDE BARS

CUSTOM ANGLE CLEATS

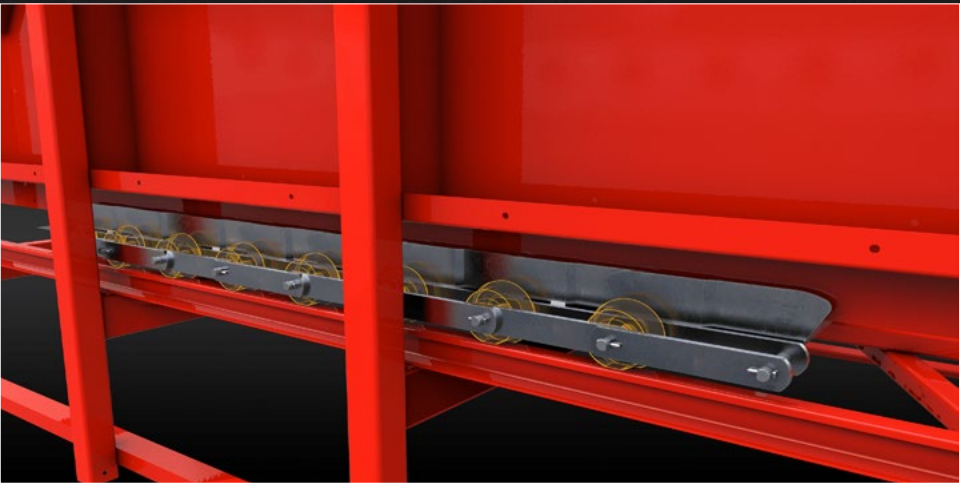
SOLID MACHINED BUSHINGS

HEAVY DUTY RUBBER 22-330

HEAVY DUTY IMPACT PADS

HARDENED SINTERED STEEL ROLLERS

HEADED STUB PINS



Hardened Sintered Steel Rollers

Flanged and hardened steel rollers in 1-3/4", 2-1/16", 3", 3-1/2", 4" and 5" diameter options.



Headed Stub Pins

4142 precision headed machined and heat-treated alloy pin. See options pages for all options. 3/4" diameter up to 1" diameter pins to connect chain.

The Fluent Conveyors Product Family

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Heavy Duty Roller Chain
Conveyors



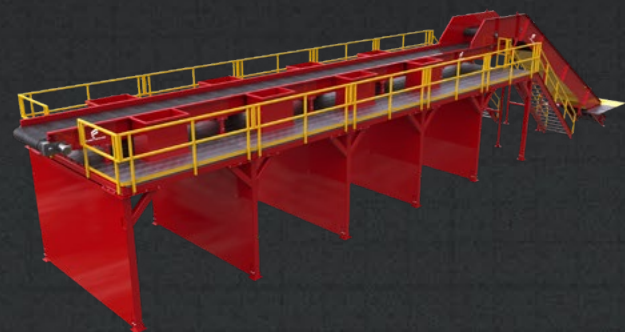
Light Duty Roller Chain
Conveyors



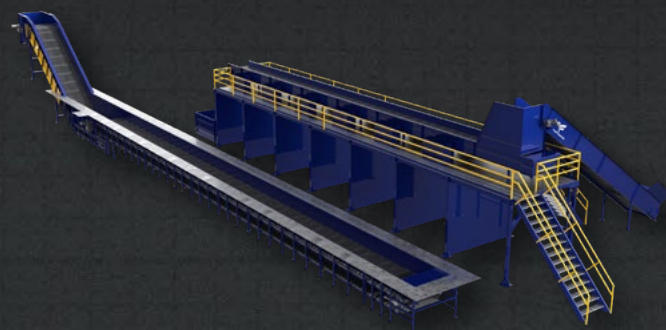
Trough Idler
Conveyors



Slider Bed
Conveyors



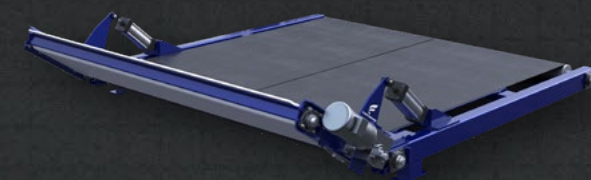
Standard Sort Systems



Custom Sort Systems



Package Handling
Conveyors



Custom Conveyors

Technical Specifications & Belt Modification Options

Please note not all belts can be configured with each option.

Width Options	• 12" • 36"	• 24" • 48"	• 60" • 84"	• 72"	• 108" (with longitudinal splice) and custom widths from 12" up to 120" width with all increments within that range. We can go up to 120" width with a longitudinal splice, otherwise 84" wide is max.
Cleat Options	• 1.5" • 2"		• 3" • 4"		• ¼" – ⅜" thick angle. • Custom options available per required specifications.
Pitch Options	• 4"		• 6"		• 9"
Rubber Thickness	• 2 Ply 220 up to 3 Ply 330				
Side Wing Height	• 2-½" • 3"		• 4"		
Chain Pull	• 4,000# • 6,000#		• 9,000# • 13,000#		• 9,000# • 25,000#
Side Bar Thickness	• ⅜" • ¼"		• ⅜" • ½"		
Hardened Bushing Sizes	• 0.50" - 1.0"ID x 0.69" - 1.38" OD				
Pin Diameter Options	• ½"		• ¾" • 1"		
Roller Diameter Options	• 1-¾" • 2-⅛"		• 3" • 3-½"		• 4" • 5"
Custom Modifications	No wings, longitudinal splice, optional 4 ply 440 thickness.				

Replacement Rubber Combination Roller Chain Conveyor Belt

Step A: Belt Specs (see page 12)

1	Rubber Thickness (2-Ply or 3-Ply If Known)	inches	mm
2	Belt Width (Inside Sealing Wings)	inches	mm
3	Belt Width (Overall Width)	inches	mm
4	Roller Spacing	inches	mm
5	Belt Length	inches	mm

Step B: Roller Specs (see page 13)

6	Roller Diameter	inches	mm
7	Flange Roller Diameter (If Applicable)	inches	mm
8	Roller Width	inches	mm
9	Overall Roller Width (Includes Flanged Roller)	inches	mm

Step C: Side Bar Specs (see page 14)

10	Chain Pitch	inches	mm
11	Side Bar Width	inches	mm
12	Side Bar Thickness	inches	mm
13	Single Or Double Row	inches	mm

Step D: Sealing Wings Specs (see page 15)

14	Sealing Wing Height	inches	mm
15	Sealing Wing Thickness	inches	mm

Step E: Cleat Specs (see page 16)

16	Height Of Cleat (Angle Iron Shown)	inches	mm
17	Thickness Of Cleat	inches	mm
18	Total Length	inches	mm
19	Offset From Sealing Wing	inches	mm

Step F: Underside Support Specs (see page 17)

20	Support Type / Size (C-Channel Shown)	inches	mm
21	Support Spacing (Every Other Pitch Shown)	inches	mm
22	Support Length	inches	mm

Step G: Belt Underside Wear Pads Specs (see page 18)

23	Wear Pad Thickness	inches	mm
24	Wear Pad Quantity (Two Per Pitch Shown)	inches	mm
25	Wear Pad Spacing	inches	mm
26	Wear Pad Location	inches	mm
27	Wear Pad Size	inches	mm

COMBO BELT COMPONENT OVERVIEW

STEP E

CLEAT SPECS NEEDED (IF APPLICABLE):

- 16: HEIGHT OF CLEAT (ANGLE IRON SHOWN)
- 17: THICKNESS OF CLEAT
- 18: TOTAL LENGTH
- 19: OFFSET FROM SEALING WING

STEP D

SEALING WINGS SPECS NEEDED (IF APPLICABLE):

- 14: SEALING WING HEIGHT
- 15: SEALING WING THICKNESS

STEP A

BELT SPECIFICATIONS NEEDED:

- 1: RUBBER THICKNESS (2-PLY OR 3-PLY IF KNOWN)
- 2: BELT WIDTH (INSIDE SEALING WINGS OR SIDE BARS)
- 3: BELT WIDTH (OVERALL WIDTH)
- 4: ROLLER SPACING
- 5: BELT LENGTH

STEP B

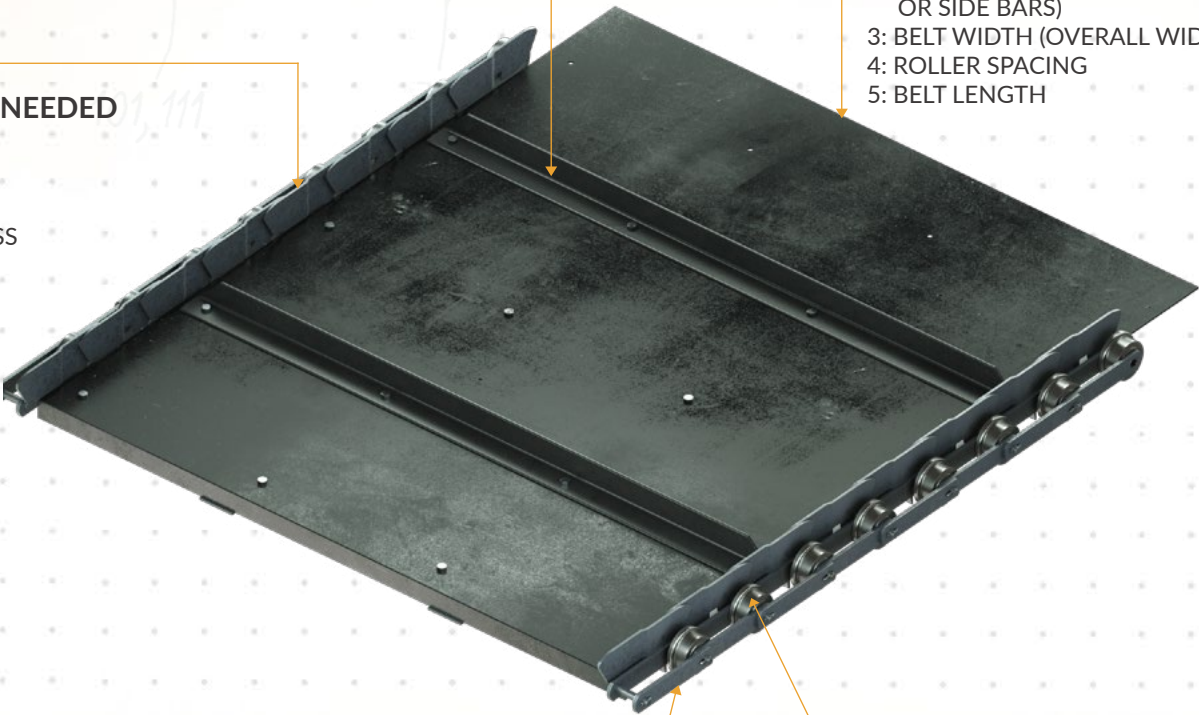
ROLLER SPECS NEEDED:

- 6: ROLLER DIAMETER
- 7: FLANGED ROLLER DIAMETER (IF APPLICABLE)
- 8: ROLLER WIDTH
- 9: OVERALL ROLLER WIDTH (INCLUDES FLANGED ROLLER)

STEP C

SIDE BARS SPECS NEEDED:

- 10: CHAIN PITCH
- 11: SIDE BAR WIDTH
- 12: SIDE BAR THICKNESS
- 13: SINGLE OR DOUBLE ROW



STEP F

BELT UNDERSIDE SUPPORT SPECS NEEDED:

- 20: SUPPORT TYPE / SIZE (C-CHANNEL SHOWN)
- 21: SUPPORT SPACING (EVERY OTHER PITCH SHOWN)
- 22: SUPPORT LENGTH

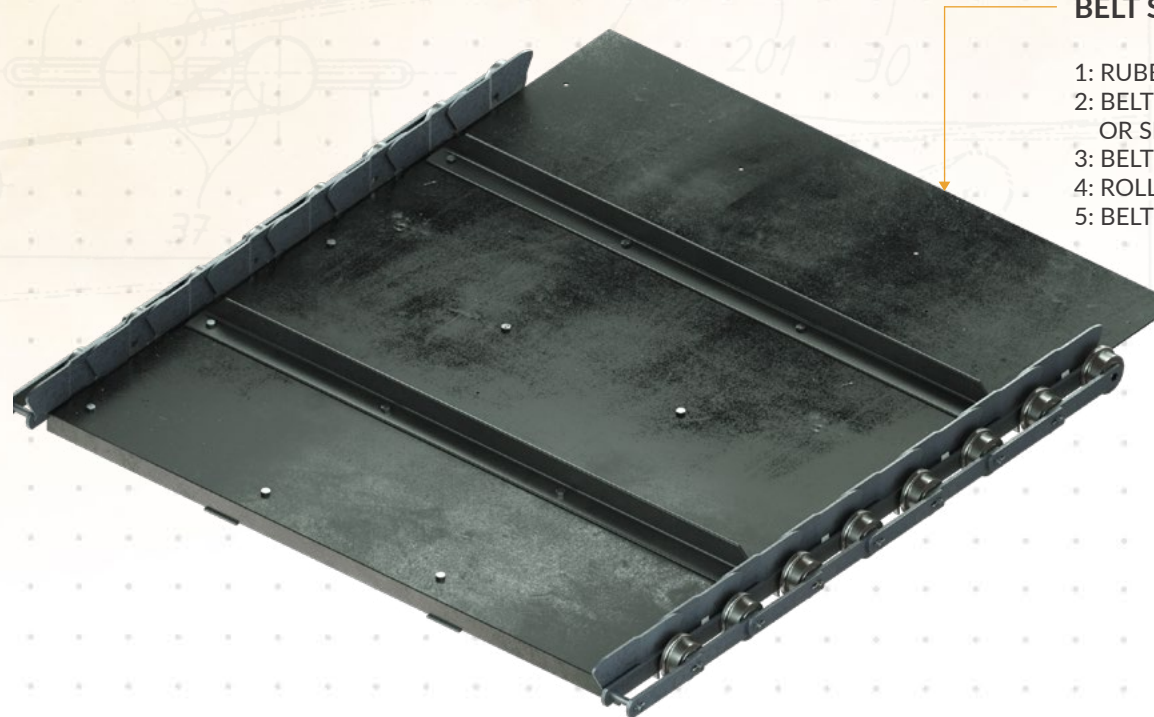


STEP G

BELT UNDERSIDE WEAR PADS SPECS NEEDED (IF APPLICABLE):

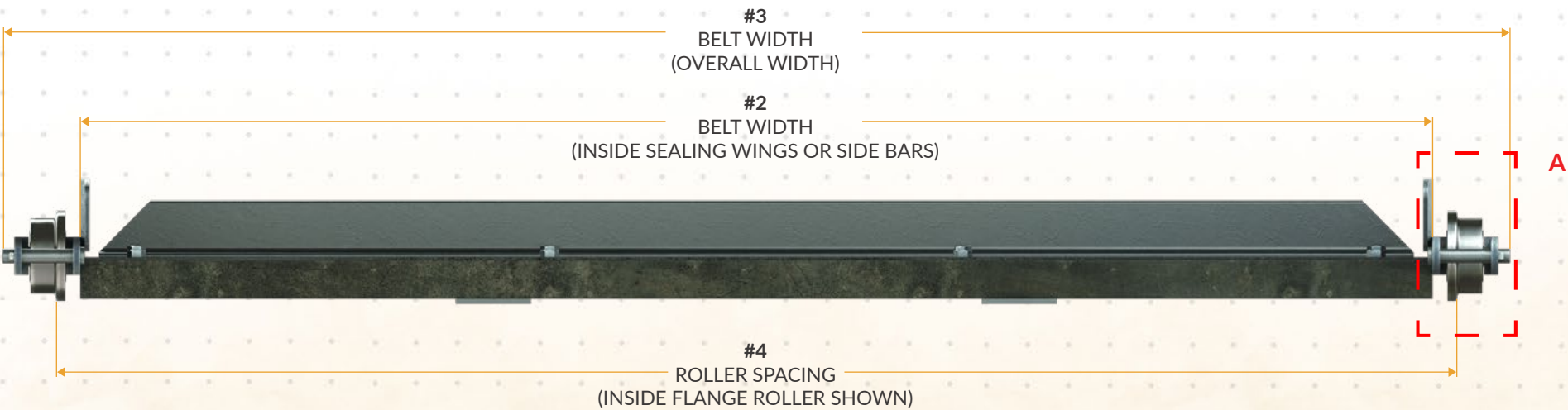
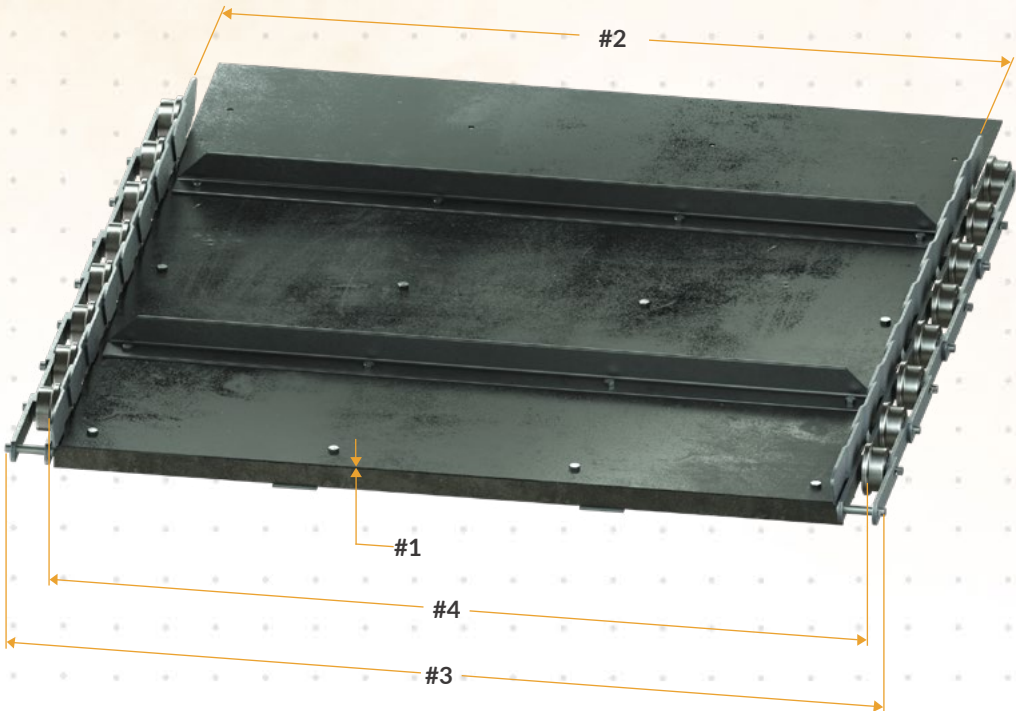
- 23: WEAR PAD THICKNESS
- 24: WEAR PAD QUANTITY (TWO PER PITCH SHOWN)
- 25: WEAR PAD SPACING
- 26: WEAR PAD LOCATION
- 27: WEAR PAD SIZE

STEP A: BELT SPECS

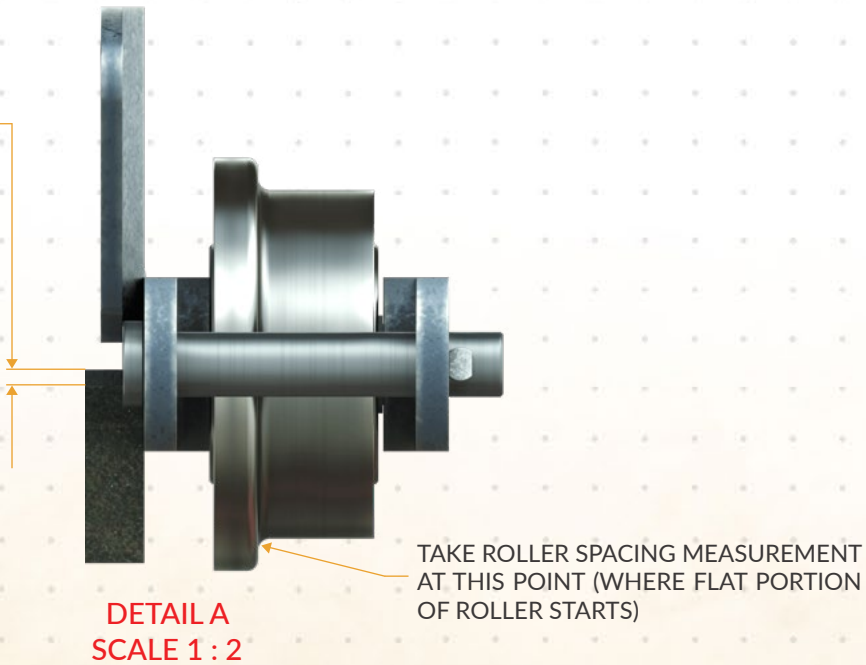


BELT SPECS NEEDED:

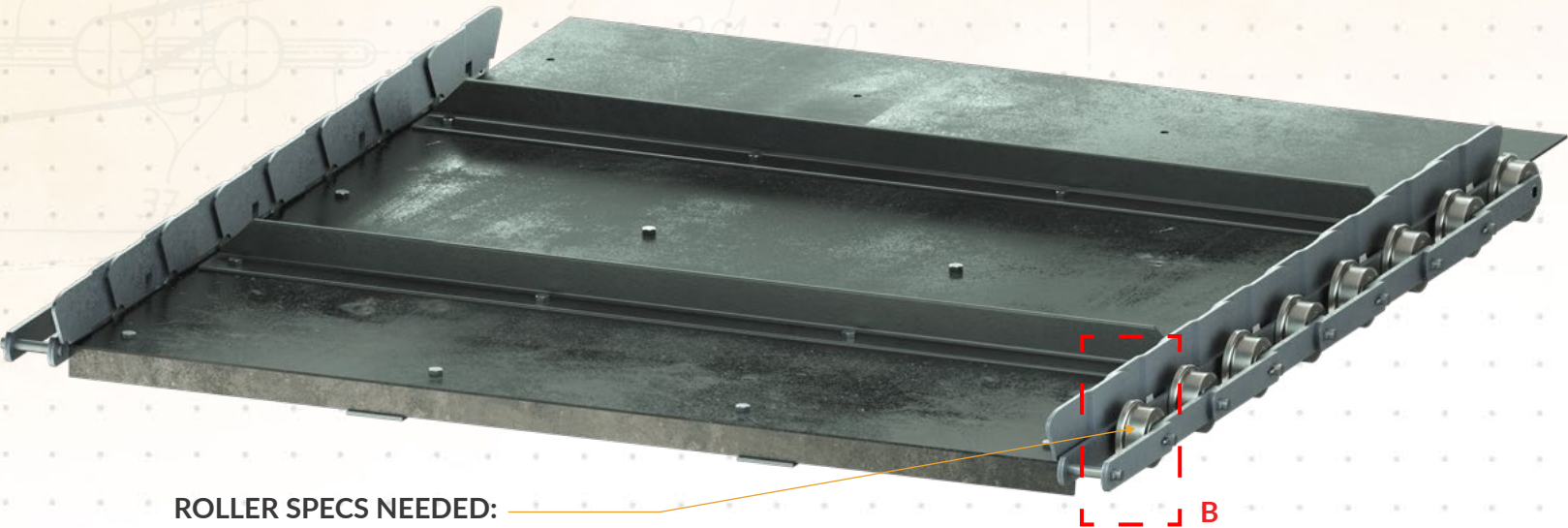
- 1: RUBBER THICKNESS (2-PLY OR 3-PLY IF KNOWN)
- 2: BELT WIDTH (INSIDE SEALING WINGS OR SIDE BARS)
- 3: BELT WIDTH (OVERALL WIDTH)
- 4: ROLLER SPACING
- 5: BELT LENGTH



#1
RUBBER BELT THICKNESS
(2-PLY OR 3-PLY IF KNOWN)

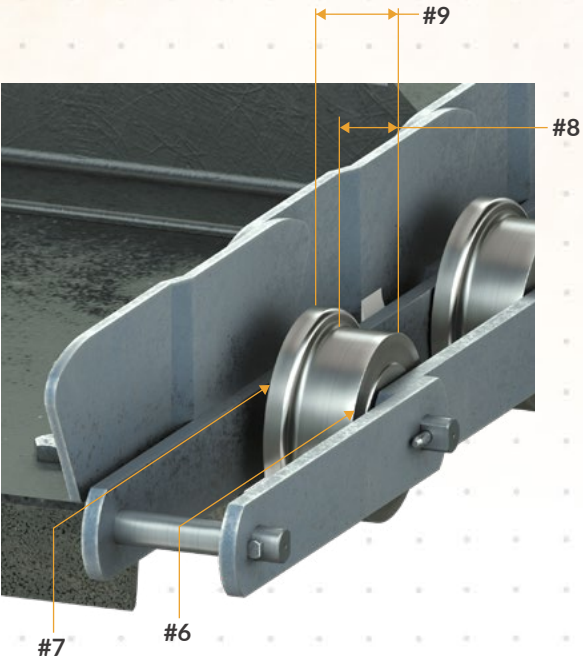


STEP B: ROLLER SPECS

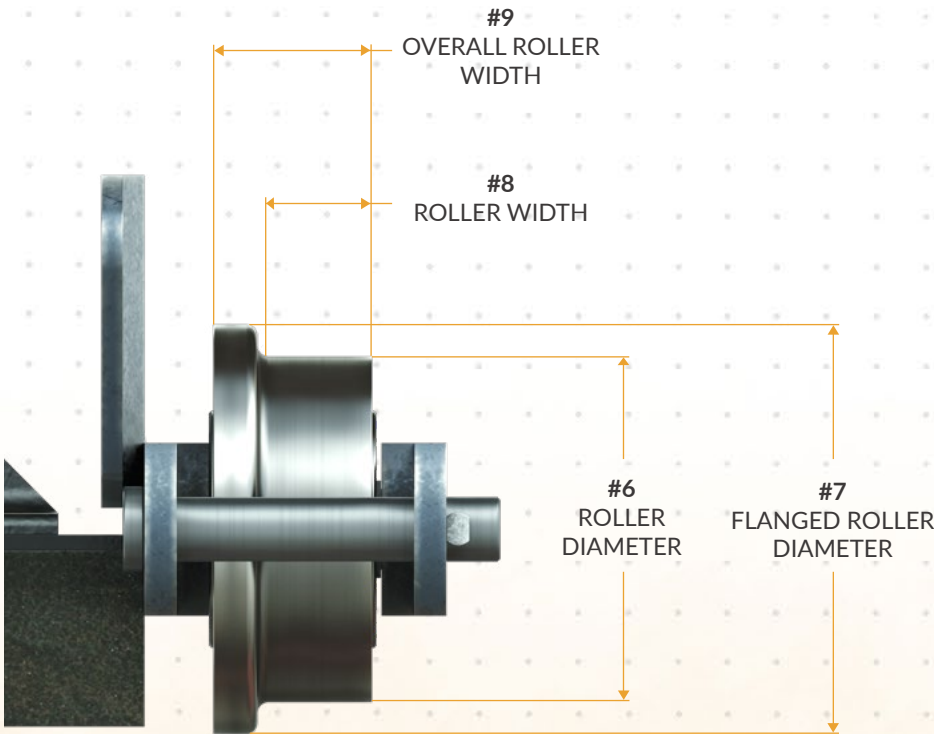


ROLLER SPECS NEEDED:

- 6: ROLLER DIAMETER
- 7: FLANGED ROLLER DIAMETER (IF APPLICABLE)
- 8: ROLLER WIDTH
- 9: OVERALL ROLLER WIDTH (INCLUDES FLANGED ROLLER)

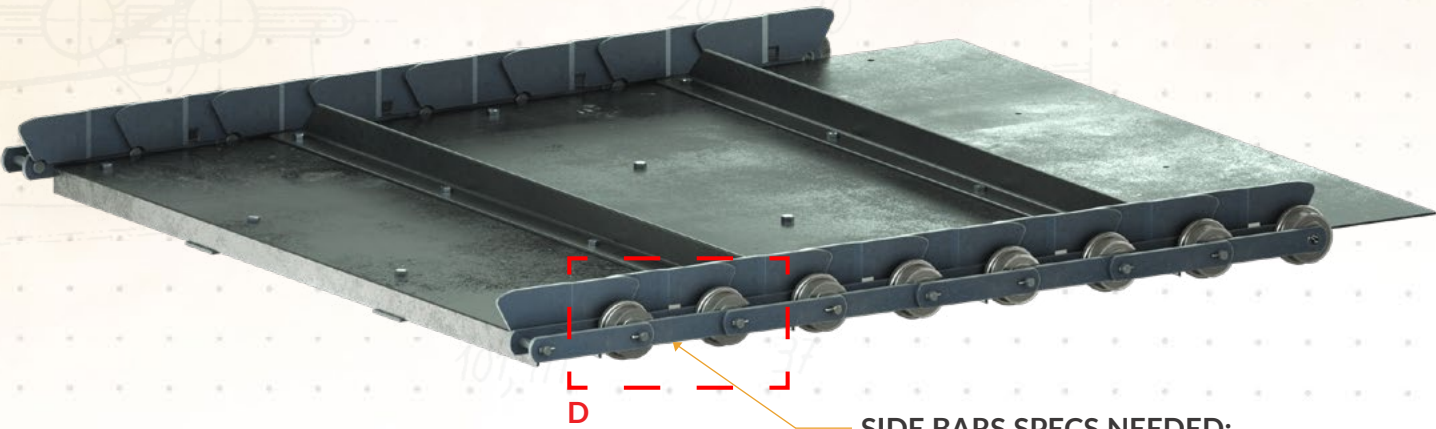


DETAIL B
SCALE 1 : 2



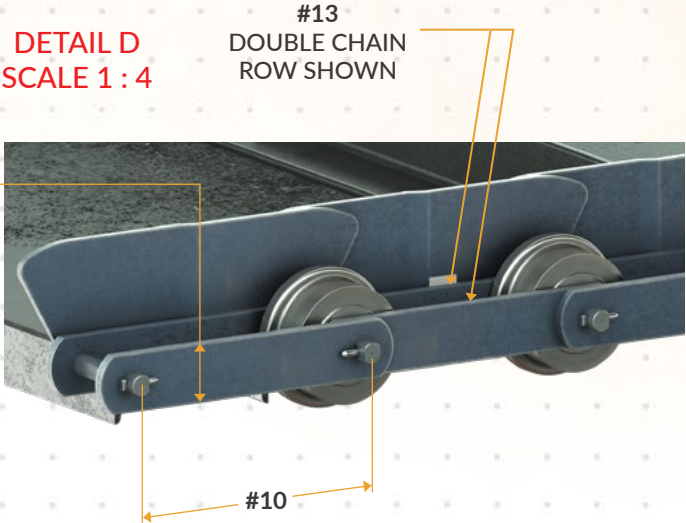
DETAIL C
SCALE 1 : 2

STEP C: SIDE BAR SPECS



SIDE BARS SPECS NEEDED:

- 10: CHAIN PITCH
- 11: SIDE BAR WIDTH
- 12: SIDE BAR THICKNESS
- 13: SINGLE OR DOUBLE CHAIN ROW



#11
SIDE BAR
WIDTH

#10
CHAIN PITCH

DETAIL E
SCALE 1 : 2

*SEALING WINGS
ARE NOT COUNTED AS
DOUBLE CHAIN ROW

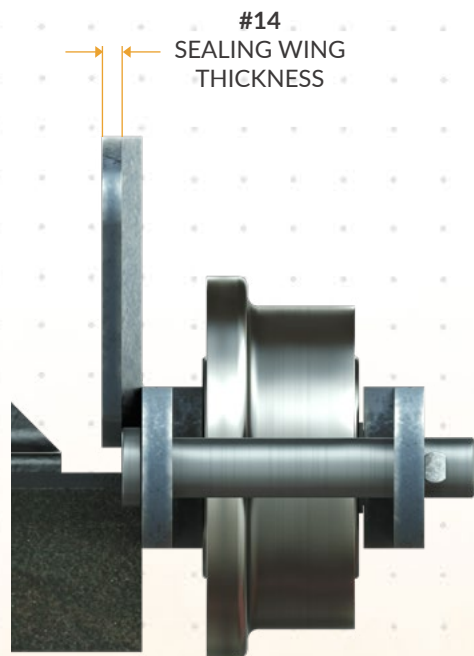
#12
SIDE BAR
THICKNESS

#13
DOUBLE CHAIN
ROW SHOWN

STEP D: SEALING WINGS SPECS

SEALING WINGS SPECS NEEDED
(IF APPLICABLE):

- 14: SEALING WING HEIGHT
- 15: SEALING WING THICKNESS



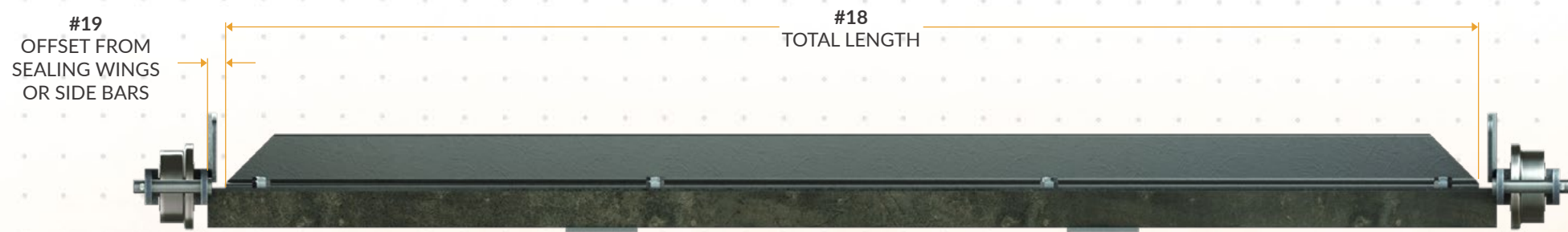
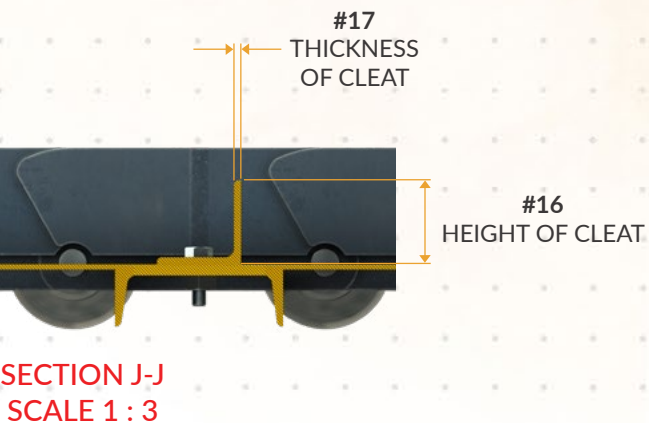
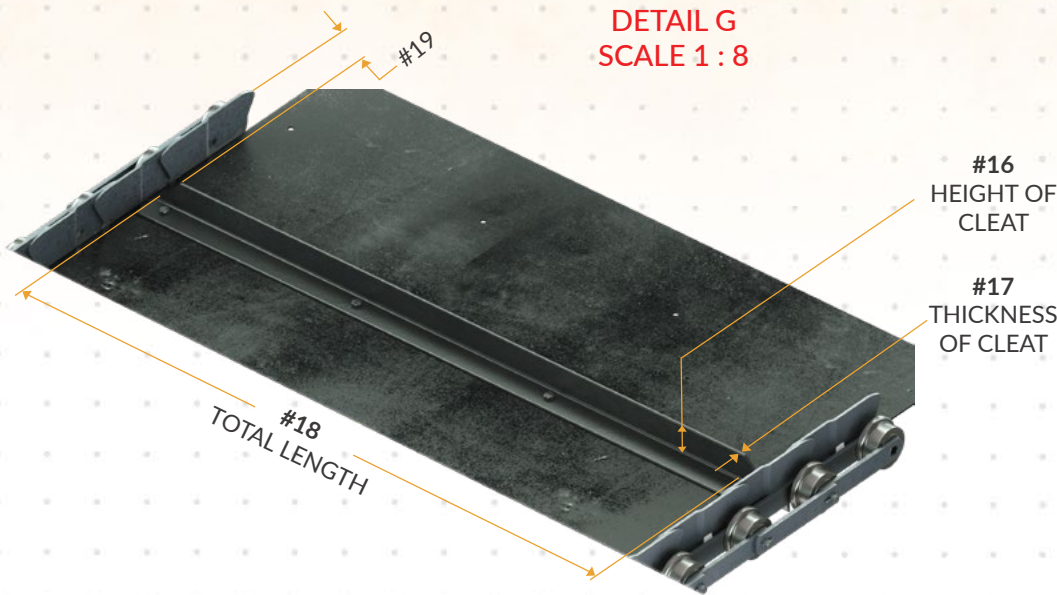
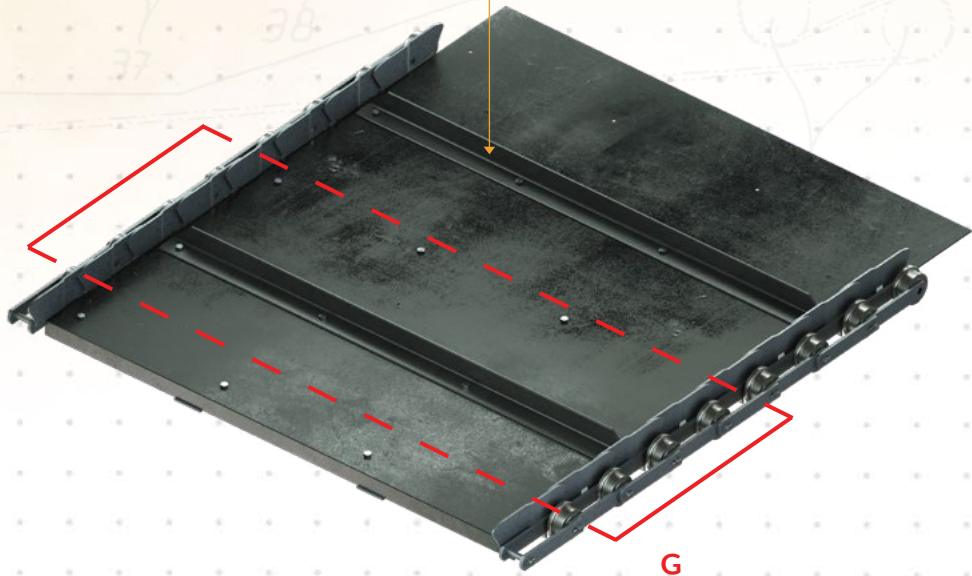
DETAIL F
SCALE 1 : 2



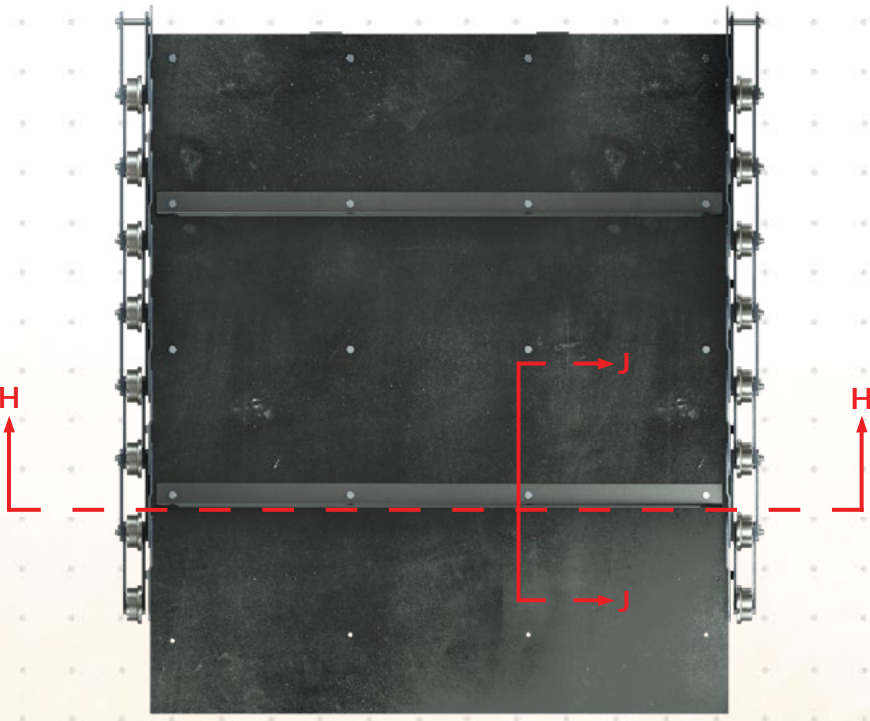
#15
SEALING
WING
HEIGHT

STEP E: CLEAT SPECS

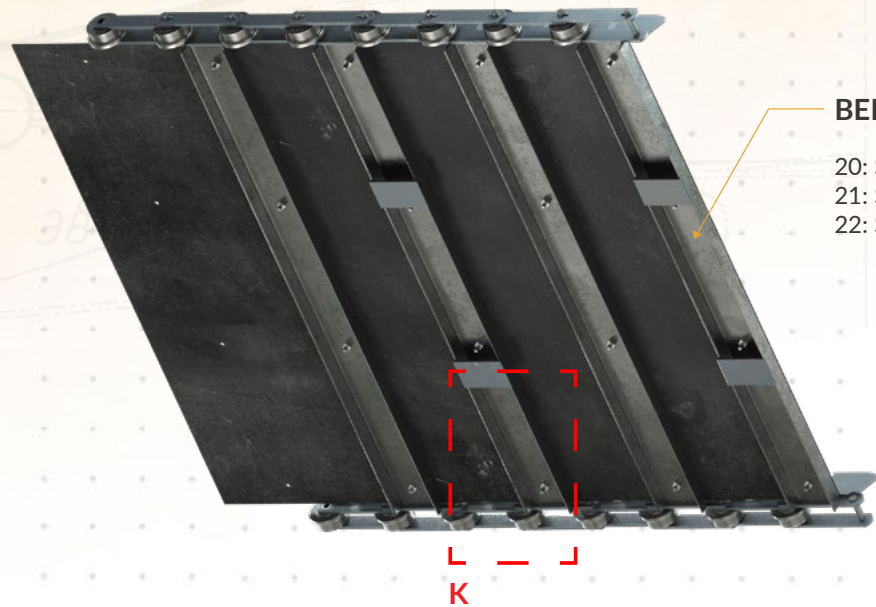
CLEAT SPECS NEEDED (IF APPLICABLE):
16: HEIGHT OF CLEAT (ANGLE IRON SHOWN)
17: THICKNESS OF CLEAT
18: TOTAL LENGTH
19: OFFSET FROM SEALING WING



SECTION H-H



STEP F: BELT UNDERSIDE SUPPORT SPECS



BELT UNDERSIDE SUPPORT SPECS NEEDED:

- 20: SUPPORT TYPE / SIZE (C-CHANNEL SHOWN)
- 21: SUPPORT SPACING (EVERY OTHER PITCH SHOWN)
- 22: SUPPORT LENGTH

#20
C-CHANNEL SHOWN
(COULD BE ANGLE IRON
OR FLAT BAR)



DETAIL K
SCALE 1 : 4



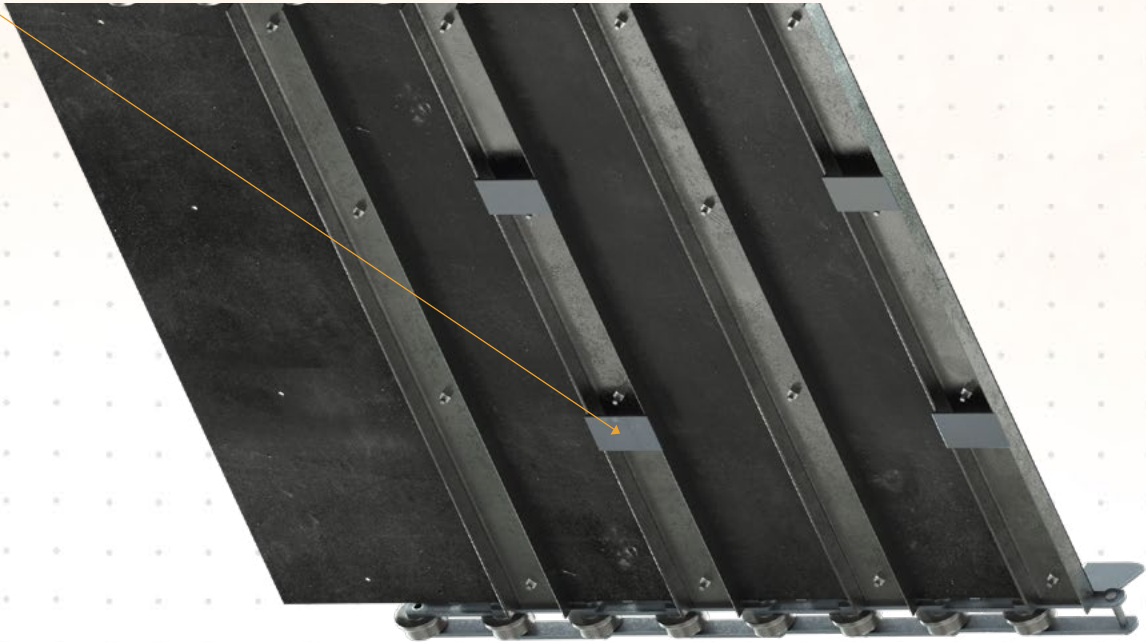
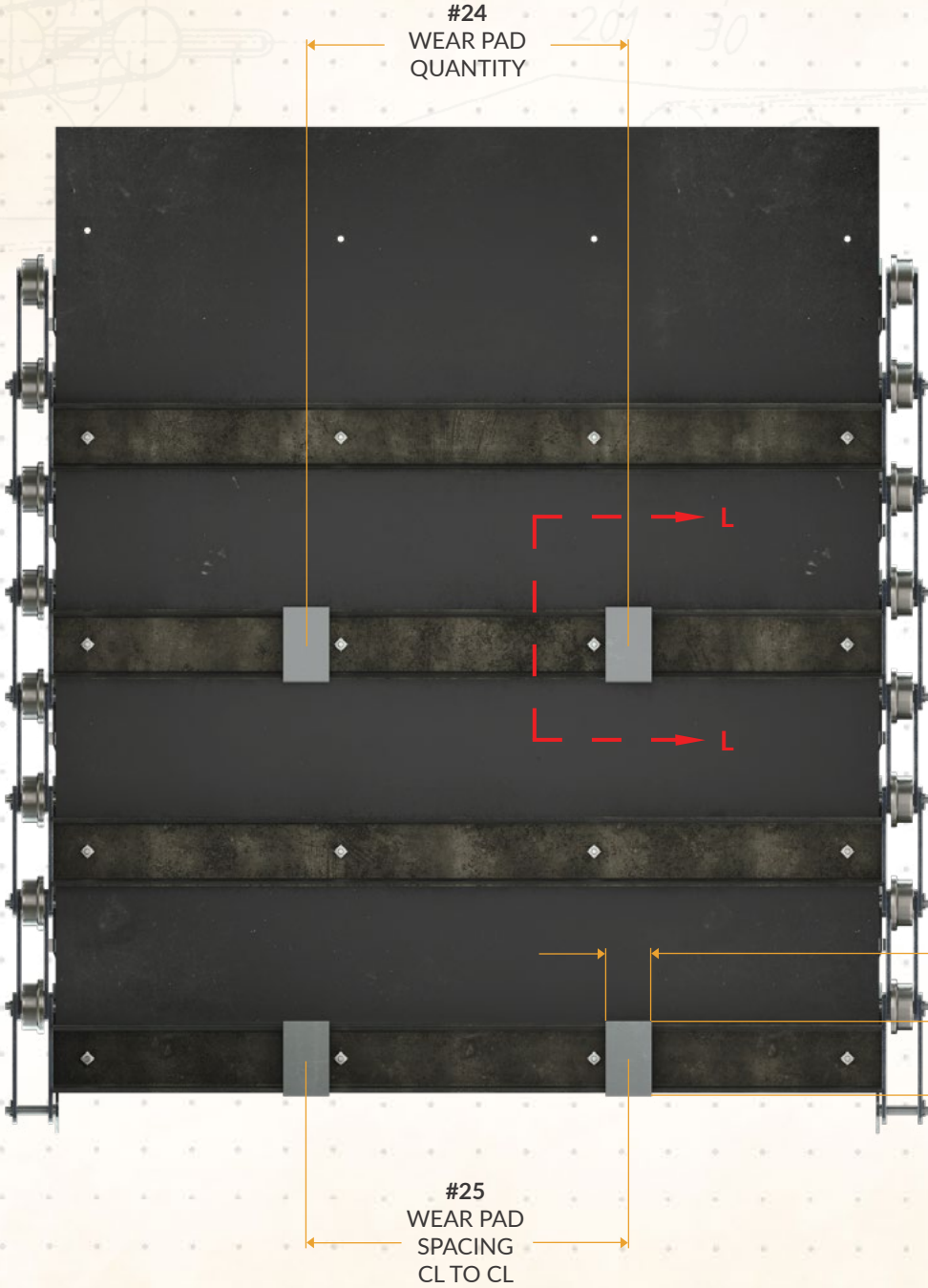
#21
SUPPORT SPACING
EVERY OTHER
CHAIN PITCH SHOWN

#22
SUPPORT LENGTH

STEP G: BELT UNDERSIDE WEAR PAD SPECS

BELT UNDERSIDE SUPPORT SPECS NEEDED:

- 23: WEAR PAD THICKNESS
- 24: WEAR PAD QUANTITY (TWO PER PITCH SHOWN)
- 25: WEAR PAD SPACING
- 26: WEAR PAD LOCATION
- 27: WEAR PAD SIZE LENGTH & WIDTH



SECTION L-L
SCALE 1 : 3

