

ROOT FORCE

WEAR PARTS FOR ROOT CROP MACHINERY

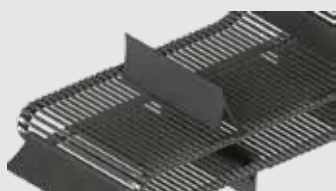
PRODUCT CATALOGUE

0121 405 0582 

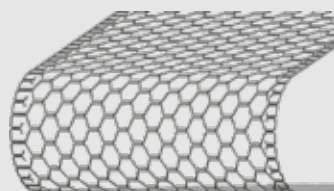
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HOOK LINKS



WEBS



WIRE BELT



PARTS

WHO WE ARE

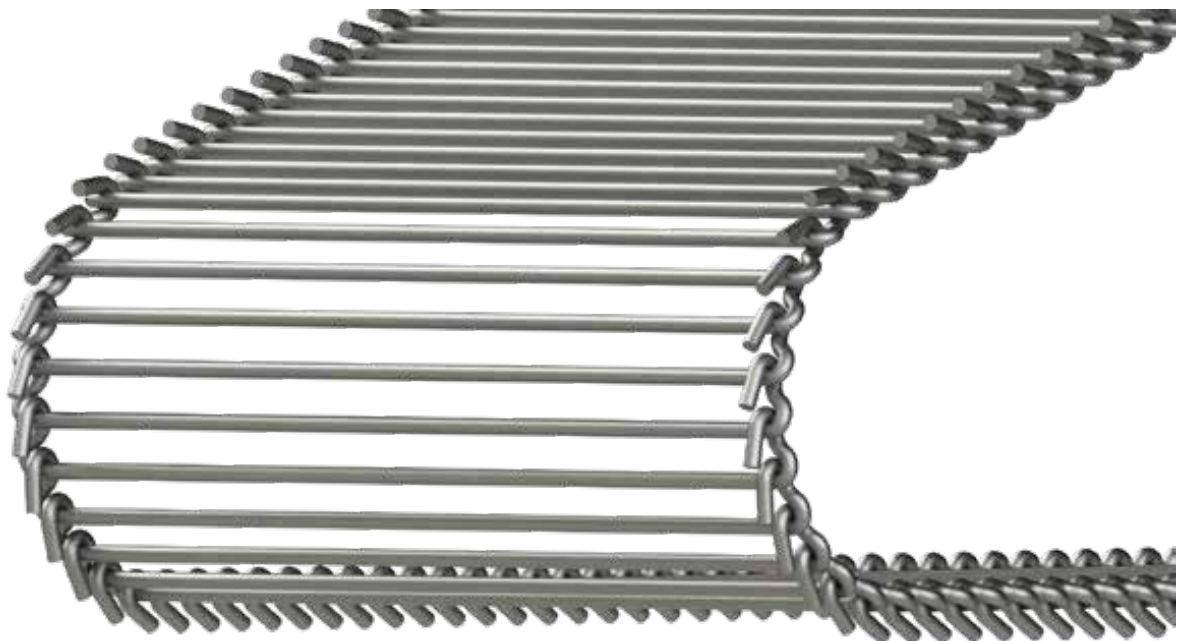
Root Force Ltd is a leading UK-based supplier of agricultural machine parts, specialising in Hook Links, Webs and Parts for root farmers and OEMs in the UK and Europe.

With a focus on quality and reliability, we provide essential components to enhance the performance of agricultural machinery, ensuring efficiency and productivity for our customers.

We take pride in offering solutions for all functions. If you are unable to find what you're looking for in our product catalogue, please don't hesitate to contact us. We specialise in providing bespoke solutions tailored to meet your individual requirements



HOOK LINKS



Since the early 1920s, Hook Links have been used as a standard for conveying produce, rocks, rubbish, and many other products. Its primary use is in demanding applications where strength, toughness, stiffness, and durability are required.

1. Rod Diameter

44 = 7/16"

50 = 1/2"

62 = 5/8"

2. Overall Belt Width

1725 = 17-1/4"

3000 = 30"

4200 = 42"

Etc.

3. Pitch in Inches

See chart

4. Dodge

DN = Std Down

ST = Straight

SP = Special

UP = Std Up

5. Covering

- Finger (with or without) Ears

- Standard Flights

- Platisol

6. Material

TC = Tuff Cat

SG = Super Grade

7. Joint Type

HT = Clips

LP = Lap

SK = Skive

VL = Vulcanized

Notes:

The following method of pitch measurement can be used when chain is worn or when only one link is available.

Example: If you measure 2.44 inches, take your rod diameter (0.44 inches) and multiply it by 2. For this example, it would be 0.88 inches. Now subtract your measurement (2.44 inches - 0.88 inches).

Your pitch would be 1.56 inches.



Hooks Down (HD)

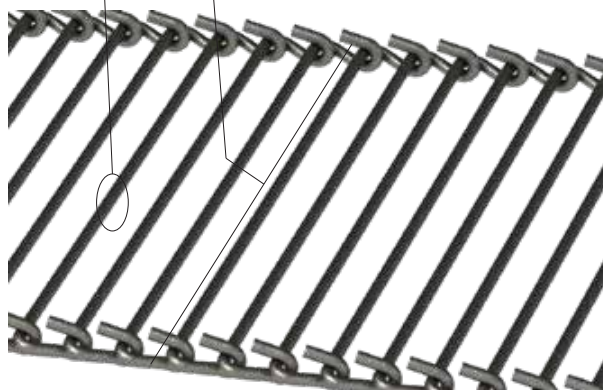


Hooks Up (HU),
Standard



3. Pitch = X - (2*Rod Diameter)

LINK, HC	44	3000	125	ST	PL	SG
	1	2	3	4	5	5

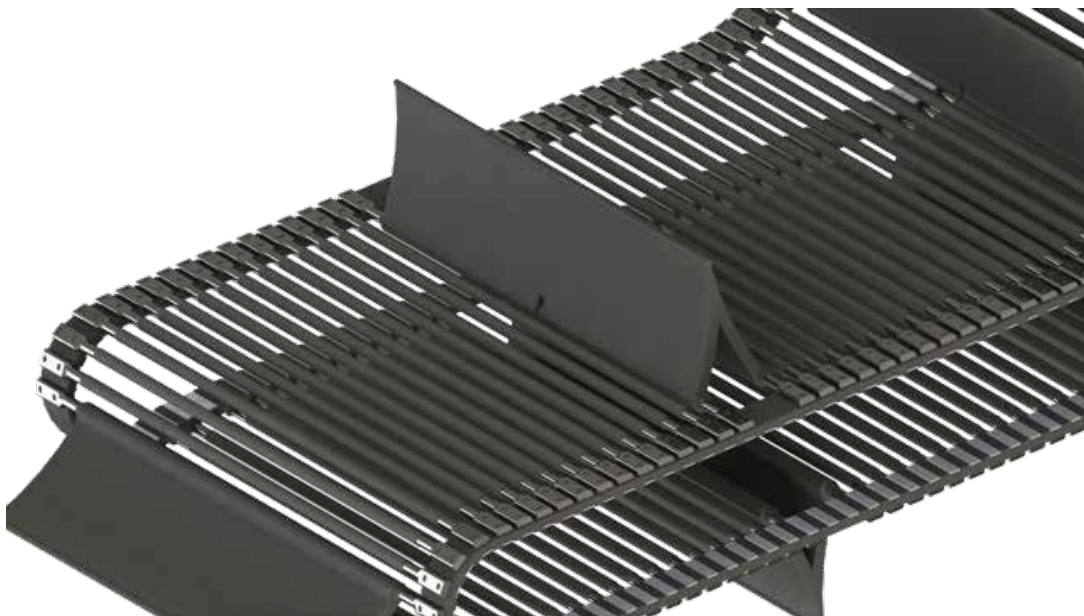


AVAILABLE PITCHES

Pitch	7/16 dia rod	1/2 dia rod	5/8 dia rod
1.00"	x		
1.25"	x		
1.37"	x	x	
1.56"	x	x	
1.76"	x	x	x
1.88"	x	x	x
2.00"	x	x	x
2.25"	x	x	x
2.37"	x	x	x
2.50"	x	x	x
5.06"			x
6.00"			x



WEBS



Our webs and components have a wide range of applications, including agricultural harvesters (potato, tomato, carrot, onion, sugar beet, etc.), crop sizers, grading and sorting lines, rock pickers/separators, as well as in continuous operation processing plants.

When placing your order for webs, please provide the following information

1. Rod Diameter

38 = 3/8"
44 = 7/16"
50 = 1/2"
62 = 5/8"
Etc.

2. Overall Belt Width

1725 = 17-1/4"
3000 = 30"
4200 = 42"
Etc.

3. Number of Belts & Belt Size

260 = 2Belts, 60mm wide
275 = 2Belts, 75mm wide
360 = 3Belts, 60mm wide
375 = 3Belts, 75mm wide
Etc.

4. Pitch in Millimeters

Available sizes:
18mm-300mm

5. LPR (Links per Roll)

*all rods and master rod

6. Patterns

*Reference any up or down offset rods and coverings

7. Joining Method

HT = Clips
LP = Lap
SK = Skive
VL = Vulcanized

Notes:

The following are standard unless otherwise requested. All belts are manufactured with standard profile belting, threaded clips, and a 1.25" sprocket run.

EXAMPLE OF ORDERING DESCRIPTION

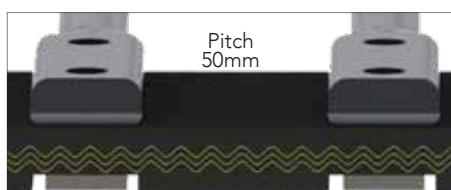
WEB 44 3000 260 50 13LPR 250S-3STPL HT

1 2 3 4 5 6 7

6. Pattern = 1 Flight & 3 Straight Plain

3. # of Belts & Belt Size = 260

4. Pitch (mm)



1. Rod Diameter = 44

5. LPR = All Rods + Master Rods

2. Overall Width = 3000

Master Rod

7. HT = Clips



PARTS



A full line of drive sprockets, friction drive rollers, shakers, flails, and rollers of all types (steel, urethane, and rubber) are available for use with Root Force webs and hook links conveyors. These products are constructed from a wide range of materials to suit various conditions and applications.



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