

...One Group. RUD-ERLAU!

THE BASIS FOR WORLDWIDE LONG-TERM SUCCESS

- RUD is a dynamic and modern family group, that is active worldwide. Our goal is continuous, profitable growth – with serious consideration for the careful treatment of our natural resources and our environment.
- We are striving for a clear leadership position with our products and services in our market segments based on organizational and operational excellence.
- With over 135 years experience we are developing future-oriented solutions with chain systems and components for different applications based on round steel link chain.
- All our products are a result of our passion for creativity and perfection in our core competencies - metal working, welding, heat treatment, and surface technology.
- The longstanding partnership with our customers and their satisfaction and confidence in us are the foundations for our success. Our ongoing commitment to customer oriented, technical innovations and research and development throughout the organization as well as to the highest quality and safety is our shared responsibility.
- Through our actively practiced, open and trusting corporate culture as well as our ongoing training and education, our international family enterprise is a motivated, energetic, flexible and competent team.

YOUR ADVANTAGES WITH THE RUD-ERLAU GROUP

- We are the inventors of Tyre Protection Chains
- We are world market leader
- We have the best technical know-how and quality
- We have the most comprehensive product range – the right solution for every application
- We provide the best service worldwide



Great Britain
RUD Chains Ltd.
John Wilson Business Park
Units 10-14
Thames Way
Whitstable, Kent CT5 30T
Tel: +44 1227 276 611
Fax: +44 1227 276 586
sales@rud.co.uk
www.rud.co.uk

France
RUF sarl
RUD Chaines France
1145 rue des Metaniers
38530 Pontcharra
Tel: +33 476 04 14 14
Fax: +33 476 04 14 13
email@rud.fr
www.rud.fr



South Africa
TCS RUD PTY LTD.)
19, Lucerne Street
2515 Fochville
Tel: +27 18771 6471
Fax: +27 18771 2596

Finland
Eriakon Oy
Lukkolatu2
05840 Hyvinkää
Tel: +358 19 458 4500
Fax: +358 19 483 018
rostovalmet@erikon.fi
www.erikon.fi

China
RUD Rieger & Dietz (Beijing)
Trading Ltd.
Unit 0201, Build 6,
SINO Xianxi Cheng
88 Jianguo Road
Chaoyang District
100022 Beijing
Tel: +86 10 85893309
Fax: +86 10 85896898
rudchina@sinat.com
www.rud.net.cn



THE No. 1 WORLDWIDE FOR TYRE PROTECTION CHAINS

Erlau AG · Erlau 16 · 73431 Aalen · Germany
Tel. +49 73 61 595-3496 · Fax +49 73 61 595-3214
TPC@erlau.com · www.erlau.com

WHEREVER YOU ARE IN THE WORLD – WE'RE NOT FAR AWAY – TRY US OUT!



**GLOBAL SERVICE...
...OUR STRENGTH
– YOUR ADVANTAGE!**

Your RUD-ERLAU dealer



THE No. 1 WORLDWIDE FOR TYRE PROTECTION CHAINS

THE SOLUTION TO YOUR TYRE AND TRACTION PROBLEMS!



One Company... One World...



<p>Germany RUD Kallert Rieger & Dietz GmbH u. Co. KG Friedensinsel 73431 Aalen Tel. +49 7361 504-0 rudkettengruep.com www.rud.com</p>	<p>Germany Erlau AG Erlau 16 73431 Aalen Tel. +49 7361 595-0 Fax +49 7361 595-3340 erlau-ags@erlau.com www.erlau.com</p>	<p>Germany Herfurth & Engleke Förderanlagen GmbH Eisenweg 4 38104 Braunschweig Tel. +49 531 23729-0 vertrieb@herfurth-engelke.de www.herfurth-engelke.de</p>	<p>Romania RUD Florian Rieger SRL str. Europa Unită nr. 4 550052 Sibiu Tel. +40 2692 03 600 Fax +40 2692 03 621 office@rud.ro www.rud.ro</p>
<p>Brazil RUD Correntes Industriais Ltda Rua Andreas Florian Rieger 381 CEP 08745-260 Moji das Cruzes-SP Tel. +55 11 4723-4944 rud@rud.com.br www.rud.com.br</p>	<p>India Rud India Chain Pvt. Ltd No.A/68 to A/71 Doya Mata Compound Rafi Bunder Road Village Kalher, Taluka Bhivandi, District Thane – 421 302 Tel. +91 22 2522 645503 Fax +91 22 2588 2947 sales@rudindia.com www.rudindia.com</p>	<p>China Beijing Nodding Industrial Equipments Co. Ltd. No.16 Jin Ma Industrial Park Gao Lying Shunyi District 101302 Beijing Tel. +86 10 69490016 Fax +86 10 69492219 info@nodding.com.cn www.nodding.com.cn</p>	<p>USA RUD Chain Inc. 840 N. 20th Avenue Hawatha, IA 52233 Tel. +1 319 294 0001 Fax +1 319 294 0003 sales@rudchain.com www.rudchain.com</p>
<p>Australia RUD Chains Pty Ltd. 8 West Link Place Richlands Queensland 4077 Tel. +61 7 3712 8000 Fax +61 7 3712 8001 chains@rud.com.au www.rud.com.au</p>			

Chain Type	Inside sidewall Tread	a	b	c	Distance between Tyres
X11	85 mm	70 mm	95 mm	85 mm	
X14	95 mm	85 mm	100 mm	95 mm	
X16+toro	95 mm	75 mm	100 mm	95 mm	
X19	115 mm	120 mm	115 mm	115 mm	
X22	115 mm	150 mm	90 mm	115 mm	
R69+R69S+R70	90 mm	75 mm	90 mm	90 mm	
R71+R71S	100 mm	85 mm	100 mm	100 mm	
R75	130 mm	110 mm	130 mm	130 mm	
R75 Plus	150 mm	130 mm	150 mm	150 mm	

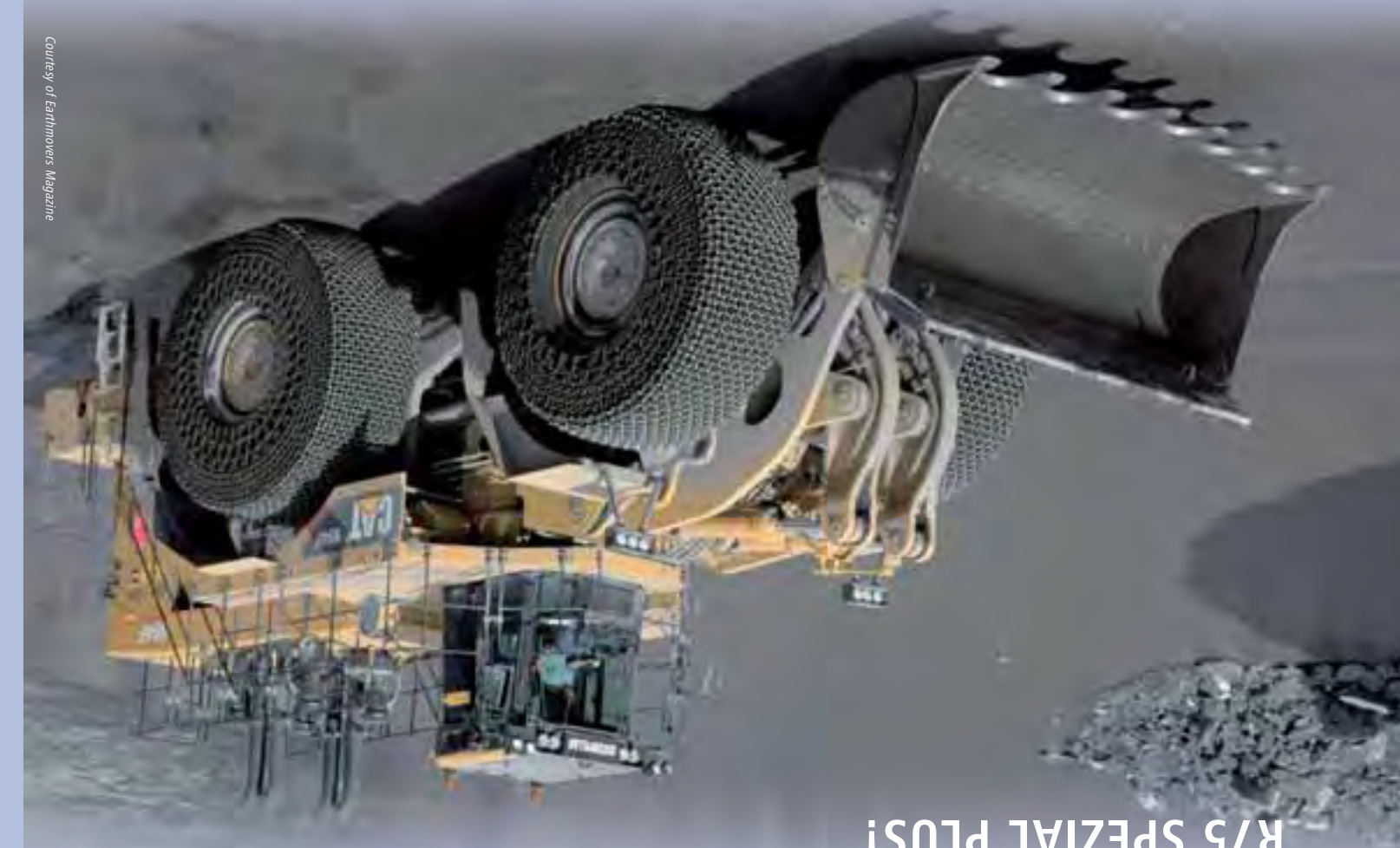
These are the minimum clearances required to fit TYRE PROTECTION CHAINS, centrifugal forces and possible dirt build-up are taken into consideration. For closer clearances please contact us for guidance.

RUD-ERLAU SOLUTIONS

<p>LINKS</p> <ul style="list-style-type: none"> TERRA+PROTECTION TERRA PLUS X11 TERRA PLUS X14 TERRA PLUS X16 ROYAL X16 DURO X14 CROWN X22 IMPERIAL X19 TORO X19 	<p>PROTECTION</p> <ul style="list-style-type: none"> SUPER X11 GRANIT PLUS X22 JUMBO PLUS X13 JUMBO PLUS X16 GUARD X19 ES GUARD PLUS X19 	<p>3 CHAIN MESH CONFIGURATIONS</p> <ul style="list-style-type: none"> R69+R70 SPECIAL 13mm R70 SPECIAL 15mm R71 SPECIAL 16mm R75 SPECIAL 20mm R75 SPECIAL PLUS 25mm 	<p>3 SYSTEMS FOR EVERY APPLICATION</p> <p>Many years experience in designing and developing effective TYRE PROTECTION and TRACTION CHAINS coupled with ongoing innovations are a guarantee for a more economical and reliable service life of your tyres and chains.</p>	<p>3 SYSTEMS FOR EVERY APPLICATION</p> <p>RUD-ERLAU has the world's widest product range and can supply the ideal TYRE PROTECTION Chain for all types of machine and applications. This shield for your tyres brings higher efficiency in everyday use.</p>	<p>A MULTITUDE OF DIFFERENT LINK DESIGNS</p> <p>RUD-ERLAU chains, with their varied ring and link designs, are extremely well suited for all areas of use. A worldwide, reliable service network ensures a prompt response and effective support.</p>	<p>3 SYSTEMS FOR EVERY APPLICATION</p> <p>Working machines in areas with fire and hot slag leads to burnt tyres, and can even lead to the loss of equipment and human life.</p>	<p>3 SYSTEMS FOR EVERY APPLICATION</p> <p>Sharp edged stones, muddy and slippery surfaces are a great hazard – even for new tyres. Equipment downtime and loss of productivity are the result of sudden tyre failure.</p>	<p>3 SYSTEMS FOR EVERY APPLICATION</p> <p>In underground or open pit mines, sharp-edged stones and aggressive surfaces can destroy tyres within a short period of time.</p>	<p>3 SYSTEMS FOR EVERY APPLICATION</p> <p>Scrap metal and recycling demands on tyres and equipment. Because of tyre failure is very common.</p>	<p>3 SYSTEMS FOR EVERY APPLICATION</p> <p>A wide range of quality products that provide greater protection and security for your daily business.</p>
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Worldwide fields of applications, Worldwide solutions to problems, RUD-ERLAU!

FROM THE WORLD MARKET LEADER THE BIGGEST CHAIN OF THE WORLD!



RUD-ERLAU-PRODUCTS...WWW.RUD.COM...WWW.ERLAU.COM

**RUD-ERLAU. THE WORLD'S ONLY MANUFACTURER OF ALL THREE CHAIN SYSTEMS!
THREE SYSTEM-PROGRAMS THAT MEET EVERY DEMAND!**

All from one source – to your advantage!

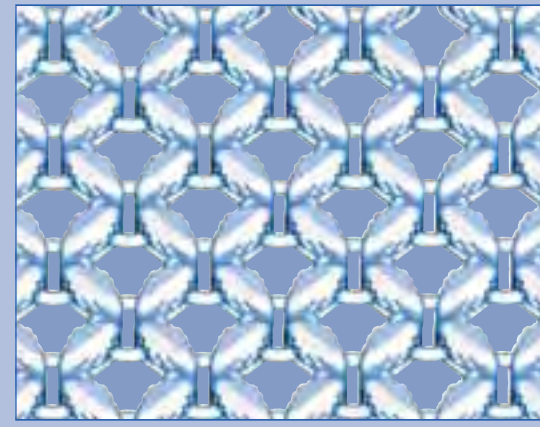
Competence and customer care for all 3 systems.

Optimal service and support for all 3 systems.

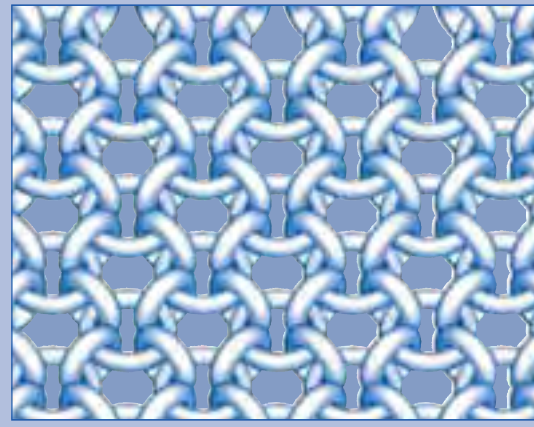
Technology transfer in the development and design of all 3 systems.

All in one, we offer our customers the most comprehensive range of TYRE PROTECTION CHAIN systems in the world market - for every intended use.

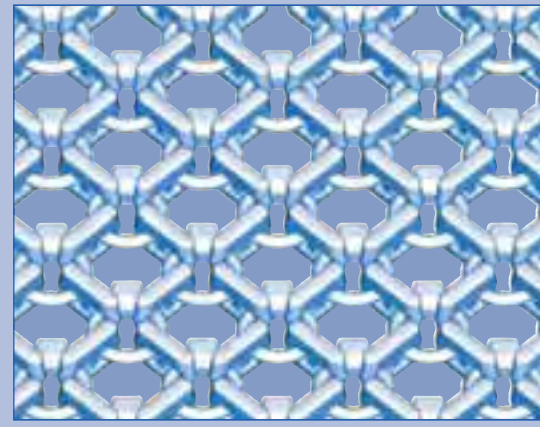
LINK-RING-SYSTEM



RING-RING-SYSTEM



RING-LOCKING-SYSTEM



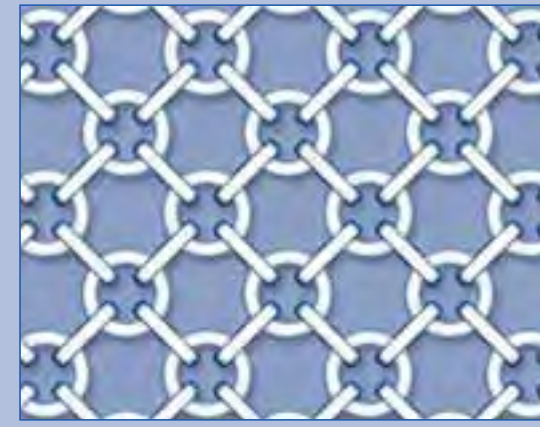
Tried and tested technology with a wide range of wear links – for every application the right chain.

Perfect tyre protection giving higher productivity at a lower cost per tonne of material.

The tyre protection chain specifically designed for use on hot slag. Simply unbeatable!

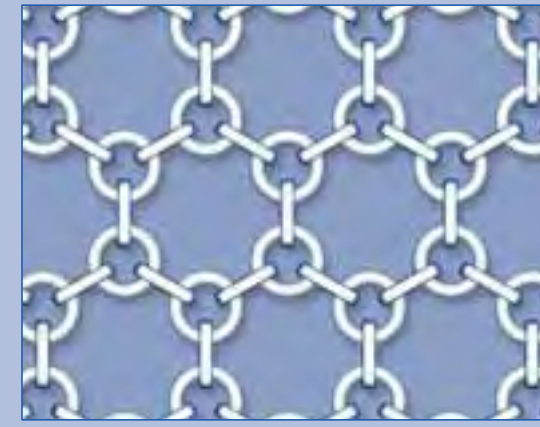
THREE CHAIN MESH CONFIGURATIONS PROVIDE PROTECTION – PROTECTION+TRACTION – TRACTION!

FELS



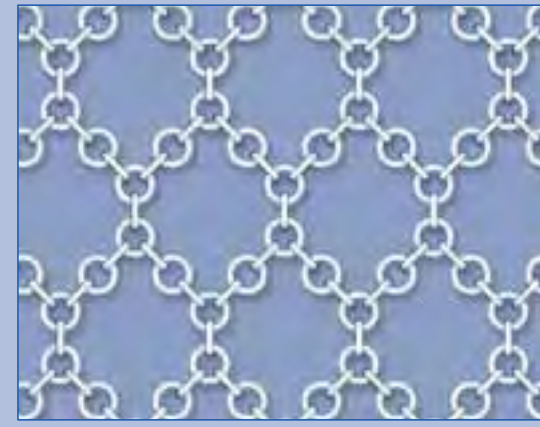
"FELS" – Perfect protection for mining, quarrying, slag and recycling work. 4 links and 4 rings forming a very dense chain mesh. This configuration is specially suitable for hard, sharp-edged rocks and aggressive surfaces.

GARANT



"GARANT" – Greater traction on gradients, wet and slippery surfaces. 6 links and 6 rings forming a hexagonal chain mesh. This is used where greater traction joined with adequate tyre protection is required.

GARANT 10



"GARANT 10" – Safety on slippery or slimy surfaces, and on snow and ice. This design provides a wider mesh opening and is ideal wherever traction is a problem.

**WE OFFER LONG TERM PROTECTION...
...FOR YOUR TYRES AND YOUR PRODUCTIVITY!**

The worldwide boom in the mining, quarrying, cement and steel industries is leading to further increasing demand for high quality, and high performance tyres. High purchase prices and long delivery times for earth moving tyres can adversely affect your costs and productivity – especially in the case of equipment downtime due to premature tyre failure.

Therefore plan for tomorrow – with RUD-ERLAU TYRE PROTECTION CHAINS!

We offer you:

- Perfect tyre protection
- Increased productivity and safety
- Protection – Protection+Traction – Traction

Everything from one source – with the advantages that only a world market leader can offer:

- The inventor of worldwide proven chain systems
- The leader in innovation
- The widest product range on the market
- The best worldwide service



SMALL TO MEDIUM SIZE EQUIPMENT tyre size from 7.50-16 to 26.5-25

MEDIUM TO LARGE EQUIPMENT tyre size from 15.5-25 to 35/65-33

MEDIUM TO LARGE EQUIPMENT tyre size from 23.5-25 to 45/65-45

EXTRA LARGE EQUIPMENT tyre size from 45/65-45 to 59/80-63 and larger

	SUPER X11	TERRA PLUS X11	SUPER PLUS X13	R69 SPEZIAL	R70 SPEZIAL
	Link dims. (w, h, l) 20,35,62 mm	Link dims. (w, h, l) 20,45,69 mm	Link dims. (w, h, l) 34,39,62 mm	Wear ring dimensions ø 56mm, Breite 17,5mm	Wear ring dimensions ø 57mm, Breite 18,5mm
PROTECTION					
	Mesh opening 62 mm	Mesh opening 68 mm	Mesh opening 48 mm	Mesh opening 57 mm	Mesh opening 61 mm
PROTECTION+TRACTION					
		Mesh opening 132 mm			
TRACTION					
		Mesh opening 218 mm			
SLAG-RECYCLING PROTECTION					
	Mesh opening 62 mm		Mesh opening 48 mm	Mesh opening 57 mm	Mesh opening 61 mm

	DURO X14	TERRA PLUS X14	TERRA PLUS X16	ROYAL X16	JUMBO PLUS X16
	Link dims. (w, h, l) 22,45,74 mm	Link dims. (w, h, l) 25,49,80 mm	Link dims. (w, h, l) 25,49,80 mm	Link dims. (w, h, l) 26,53,85 mm	Link dims. (w, h, l) 46,56,88 mm
PROTECTION					
	Mesh opening 74 mm	Mesh opening 75 mm	Mesh opening 83 mm	Mesh opening 84 mm	Mesh opening 64 mm
PROTECTION+TRACTION					
	Mesh opening 144 mm	Mesh opening 148 mm	Mesh opening 164 mm	Mesh opening 165 mm	
TRACTION					
	Mesh opening 238 mm	Mesh opening 246 mm	Mesh opening 270 mm	Mesh opening 271 mm	
SLAG-RECYCLING PROTECTION					
	Mesh opening 74 mm			Mesh opening 84 mm	Mesh opening 64 mm

	GIGANT PLUS X19	IMPERIAL X19	TORO X19	GUARD X19 ES	GUARD PLUS X19	R71 SPEZIAL / R71
	Link dims. (w, h, l) 54,68,97 mm	Link dims. (w, h, l) 36,64,96 mm	Link dims. (w, h, l) 44,58,88 mm	Link dims. (w, h, l) 22,64,100 mm	Link dims. (w, h, l) 35,64,100 mm	Wear ring dimensions ø 67mm, Breite 20,3mm
PROTECTION						
	Mesh opening 73 mm	Mesh opening 91 mm	Mesh opening 66 mm		Mesh opening 91 mm	Mesh opening 67 mm
PROTECTION+TRACTION						
		Mesh opening 183 mm	Mesh opening 147 mm			Mesh opening 115 mm
TRACTION						
		Mesh opening 305 mm				
SLAG-RECYCLING PROTECTION						
	Mesh opening 73 mm			Mesh opening 105 mm	Mesh opening 91 mm	Mesh opening 67 mm

	GRANIT PLUS X22	CROWN X22	R75 SPEZIAL	R75 SPEZIAL PLUS
	Link dims. (w, h, l) 54,76,116 mm	Link dims. (w, h, l) 35,72,111 mm	Wear ring dimensions ø 82mm, Breite 24mm	Wear ring dimensions ø 96mm, Breite 28mm
PROTECTION				
	Mesh opening 96 mm	Mesh opening 115 mm	Mesh opening 80 mm	Mesh opening 103 mm
PROTECTION+TRACTION				
		Mesh opening 225 mm		
TRACTION				
		Mesh opening 389 mm		
SLAG-RECYCLING PROTECTION				
	Mesh opening 96 mm			

