PT Maxima Mandiri Indonusa
a technical marketing company

Conveyor Chains & Sprockets Specialist

Timber Processing Pulp and Paper industry chains

Get in Touch With Us

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Chains | Sprockets | Wear Rails | Design & Feasibility | Precision Engineering | Laser Cutting & Fabrication | Wear Plate | Strip Plate | Cut to Size

From Survey to Drawing to Production to Installation Your integrated supply partner.

In the aggressive environment of timber production there is an ongoing requirement for refurbishment and replacement of plant and equipment in all areas of the process. Maxima Group is a combined business uniquely equipped to serve the industry with a full spectrum of essential engineering services to ensure customers equipment is in the best condition in order to maintain essential processes.

Inspection, Survey and Consultation.

As part of the supply package qualified engineers will come to site and inspect items of plant and equipment to establish and report on the condition. Subsequent consultation generally includes means for improvement such as: materials employed, design, construction, implementation, additional operation and maintenance advice.

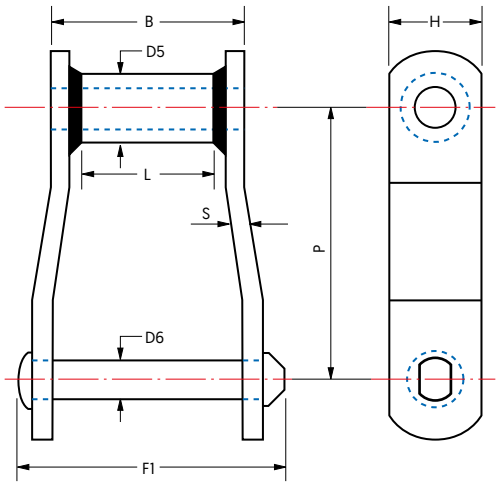
Industry Leading Steel Processors.

With decades of in-house experience in metal processing and fabrication, we use the latest technology and techniques to deliver quality, bespoke solutions for our clients. From laser cutting to punching, bending and welding our skilled team will deliver a high quality solution that is both on time and in budget.

MAXIMA CHAIN - WELDED STEEL CHAINS.

MAX124/R

Maxima Chain welded steel chains have become preferred choice in many materials handling applications. The simple and robust construction offers a superior method of conveying most materials. These chains employ an offset side plate and circumferentially welded bush. The pin is a high interference fit into the plate retained with a heavy hot rivet or cotter. This incorporates standard through hardening, but with additional surface induction hardening of both the bush and pin. The end result is a chain offering maximum toughness and high abrasion resistance for optimum performance in high duty applications.



Offset Sidebar Welded Steel Chains

Chain Number	Pitch	Bushings	Rivets	Over-All Pin & Cotter	Between Sidebars	Length of Bearing	Sidebars		Breaking Load	Average Weight
		Outside Diameter	Diameter				Thickness	Height		
	P	D5	D6	F1	L	B	S	H		
	inches								lbs	lbs/ft
MAX**78/R**	2.609	0.84	0.50	3.00	1.00	2.00	0.25	1.25	33,000	4.30
MAX**82/R**	3.075	1.00	0.56	3.38	1.13	2.25	0.25	1.25	36,000	4.70
MAX**124/R**	4.000	1.25	0.75	4.25	1.50	2.75	0.38	1.50	57,000	7.80
MAX**111/R**	4.760	1.25	0.75	4.81	1.75	3.38	0.38	1.75	60,000	8.60
MAX**110/R**	6.000	1.25	0.75	4.00	1.88	3.00	0.38	1.50	50,500	7.00
MAX**106/R**	6.000	1.25	0.75	4.25	1.50	2.75	0.38	1.50	60,000	6.20
MAX**132/R**	6.050	1.75	1.00	6.38	2.75	4.41	0.50	2.00	122,000	14.10
MAX**150/R**	6.050	1.75	1.00	6.50	2.75	4.41	0.50	2.50	122,000	16.30
MAX**155/R**	6.050	1.75	1.13	6.41	2.75	4.44	0.56	2.50	175,000	19.00
MAX**157/R**	6.050	1.75	1.13	6.75	2.75	4.63	0.63	2.50	175,000	20.00
MAX**159/R**	6.125	2.00	1.25	6.75	2.75	4.63	0.63	3.00	210,000	26.00
MAX**200/R**	6.125	2.00	1.25	6.75	2.75	4.63	0.63	2.50	190,000	22.10

Add IBR for fully heat treated parts plus induction hardened barrels and rivets.
Suffix R denotes riveted pin style.

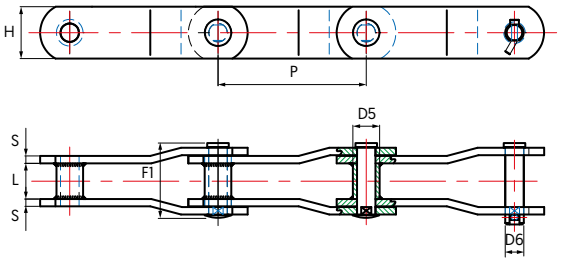
MAXIMA CHAIN M SERIES Equivalent Welded Steel Chains.

MAXM160/160/R

Maxima Chain offer a unique range of welded steel chains dimensionally equivalent to M Series bush chains according to DIN8167. The chain offers all the benefits of the "offset" sidebar welded construction and can be offered as a direct replecement in existing conveyors and operate on same sprockets. This allows the user
a unique opportunity to improve reliability and service life without major alteration.

Key Features:

- Direct replacement with Metric standard DIN 8167,
- Increased ultimate tensile strength of up to 65% as compared to standard M series chain,
- Welded bush for increased shock resistance,
- Best specification with all parts through hardened and surface induction hardening on pins and bushes,
- Crank link design as US standard ISO DP6972. A beneficial construction with maintenance advantages,
- Option to induction harden sliding surfaces,
- Grease lubrication can be included if required,
- Ease of maintenance with an option to remove one offset link not two as with straight sidebar chain.



MAXIMA CHAIN **M Series Equivalent Welded Steel Chains**

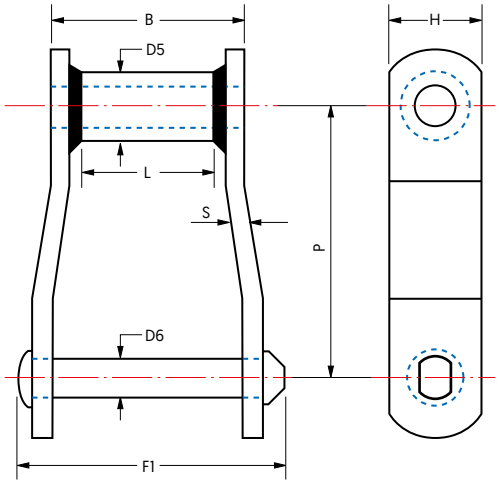
Chain Number	Pitch	Bushings Diameter	Pins Diameter	Over All Pin	Between Sidebars	Sidebars Thickness	Sidebars Height	Breaking Load	Weight
	P	D5	D6	F1	L	S	H		
	mm							kN	kg/m
MAXM160/100/IBR*	100	25	18	72	37	7	50	270	9.5
MAXM160/125/IBR*	125	25	18	72	37	7	50	270	8.7
MAXM160/160/IBR*	160	25	18	72	37	7	50	270	8.0
MAXM224/160/IBR*	160	30	21	84	42	8	60	375	12.8
MAXM224/200/IBR*	200	30	21	84	42	8	60	375	11.6
MAXM224/250/IBR*	250	30	21	84	42	8	60	375	10.8
MAXM315/160/IBR*	160	36	25	97	48	10	70	520	17.8
MAXM315/200/IBR*	200	36	25	97	48	10	70	520	16.4
MAXM450/200/IBR*	200	42	30	116	56	12	80	700	23.8
MAXM450/250/IBR*	250	42	30	116	56	12	80	700	22.1
MAXM630/200/IBR*	200	50	36	136	66	14	100	900	38.9
MAXM630/250/IBR*	250	50	36	136	66	14	100	900	34.2
MAXM630/315/IBR*	315	50	36	136	66	14	100	900	31.7

* IBR represents uprated specification with fully heatreated components together with induction hardened barrel (bush) and pin.

Heavy Duty Welded Steel Chains.

MAX124XHD

Maxima Chain offer a series of welded steel chains specifically designed for high impact and abrasing resistance as encountered in timber decks and high duty timber applications. The chain includes fully heat treated chain parts with the addition of induction hardened barrels and rivets. Chains are primarily riveted construction with extra large formed rivet head to ensure maximum integrity.



Extra Heavy-Duty Welded Steel Chains

Chain Number	Pitch	Bushings	Rivets	Over-All Pin & Cotter	Between Sidebars	Length of Bearing	Sidebars		Breaking Load	Average Weight
		Outside Diameter	Diameter				Thickness	Height		
	P	D5	D6	F1	L	B	S	H		
	inches								lbs	lbs/ft
MAX**78XHD**	2.636	1.00	0.56	3.38	1.00	2.00	0.38	1.25	36,000	6.30
MAX**82XHD**	3.075	1.25	0.75	3.75	1.13	2.38	0.38	1.50	57,000	8.50
MAX**124XHD**	4.063	1.63	1.00	4.88	1.50	3.00	0.50	2.00	122,000	14.60
MAX**106XHD**	6.050	1.75	1.00	4.88	1.50	3.00	0.50	2.00	122,000	11.80
MAX**132XHD**	6.050	1.75	1.00	6.75	2.75	4.66	0.63	2.00	122,000	15.30