

RAIL SYSTEMS

Customised solution
for Higher Productivity



About Us

Sparkline started as a service company, servicing welding machines initially, today we don't just service but conceptualize, design, manufacture, service and maintain various solutions enabling customers worldwide to produce what they intend to.

Sparkline has developed its character as a proactive, friendly and expert business partner. As we step into the 4th decade, we strengthen our commitment to honour your faith in us by staying true to our values and purpose.

Our features

- Simple and Cost Effective
- Smooth and Reliable Handling
- Modular Design
- Simple and Easy to Use and Erect
- Efficient Working

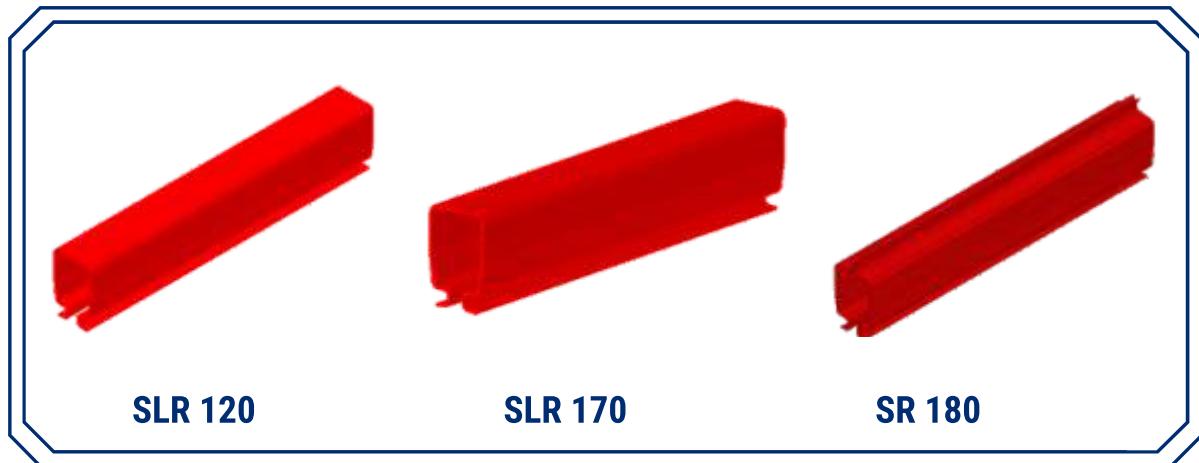
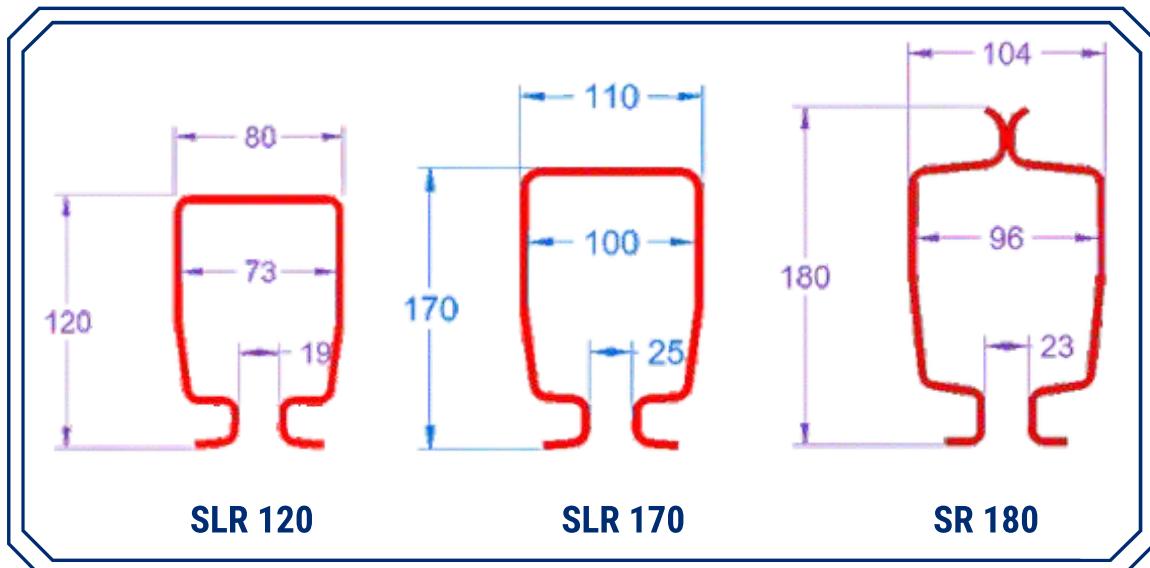
We have installed
20+ Km's rail systems.

Expertise & Experience
delivered.

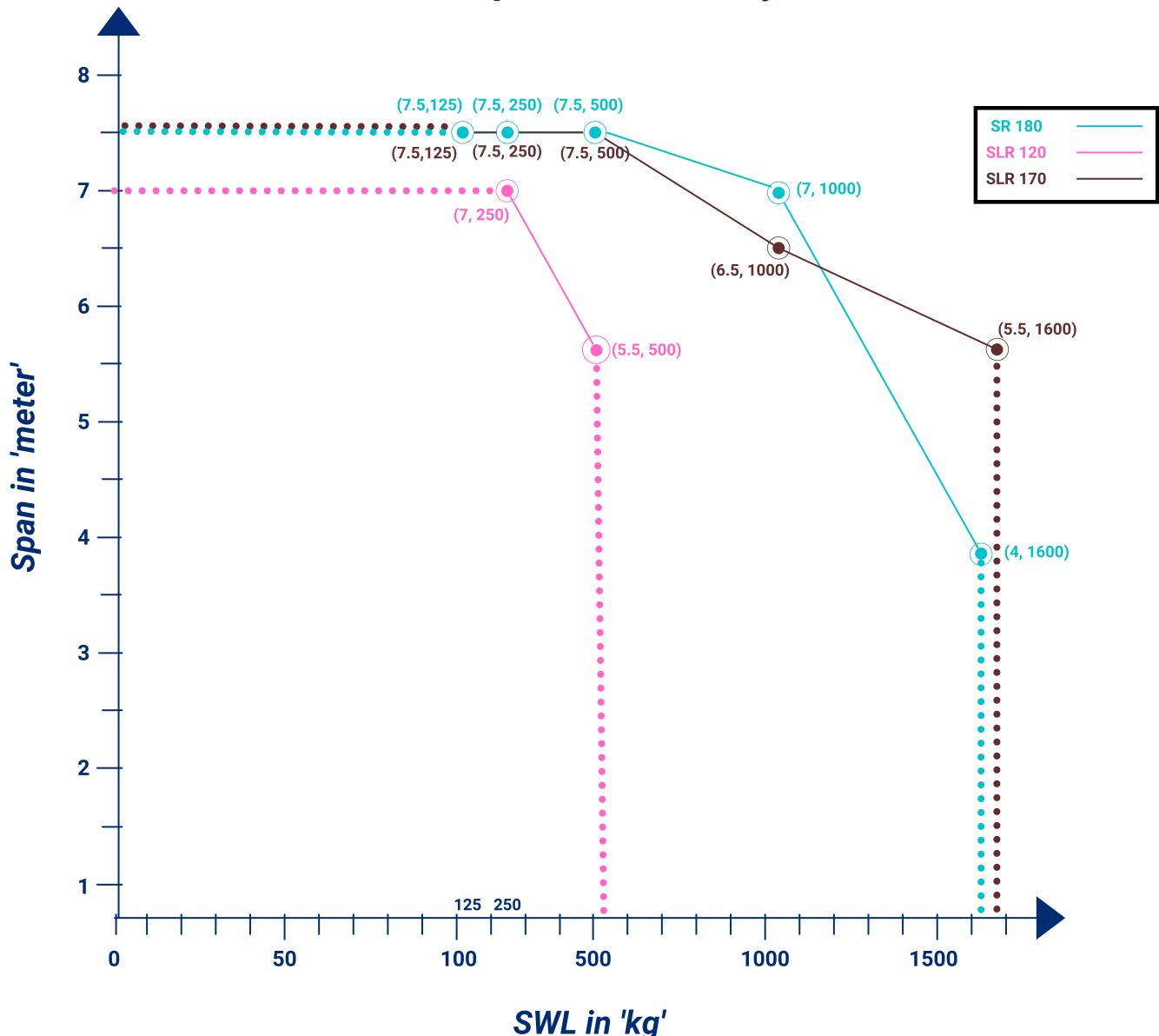
LIGHT WEIGHT CRANE SYSTEMS

MS STEEL RAIL SYSTEM

Our steel profiles SLR 120, SLR 170 & SR 180 are a strong and ergonomic choice, ideal for any heavier weight applications in any working environment. Suitable when increased suspension distance is required.



Load Graph for MS Rail System



Load chart for MS Rail System

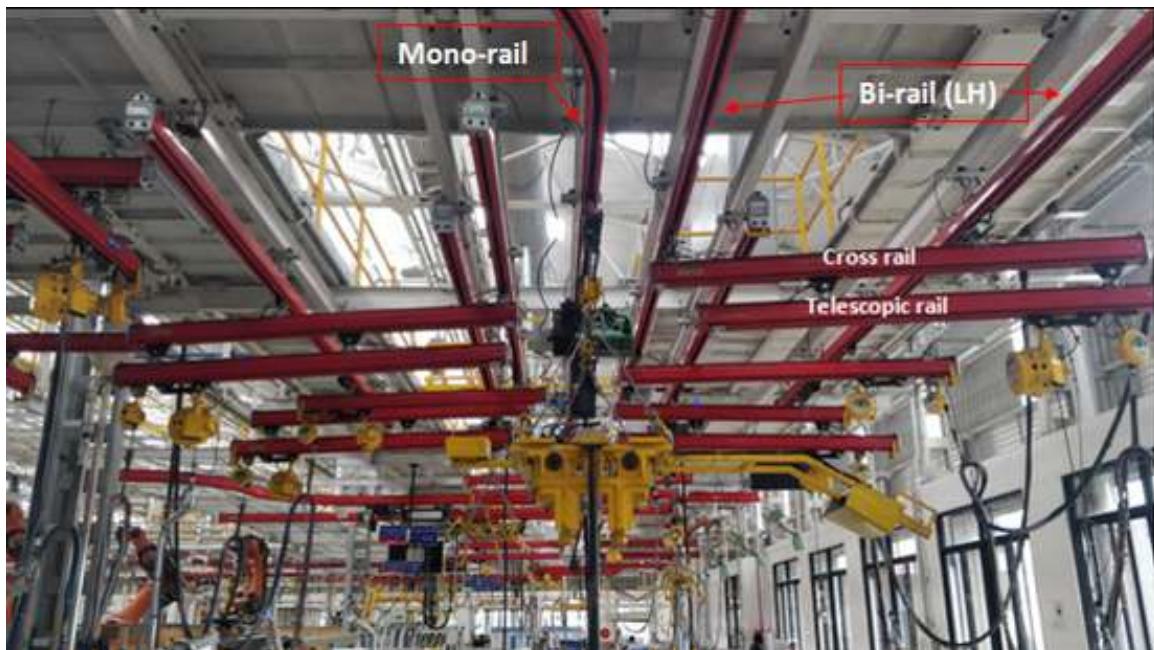
SWL in Kg →	125	250	500	1000	1600
Rail Type ↓	Span in mtr ↓				
SR 180	7.5	7.5	7.5	7	4
SLR 120	-	7	5.5	-	-
SLR 170	-	7.5	7.5	6.5	5.5

Sparkline rail sections

- Sparkline offers four basic rail profiles with four additional capacities using a support structure on top of our steel tracks. From simple lighter aluminum systems to complex heavy duty steel installations.
- Our track is formed from a single piece of cold rolled high strength steel. NO weldments means less wear! The result is little manual strain and good ergonomics.

Monorail System

It is possible to construct a system suitable for specific application by assembling rated parts such as side track, curve tracks and track switches etc



Single Girder Rail System

The single girder bridges are lighter than the double girder units and therefore easier to move. Additional supports for the crane runway are not necessary. Even partial areas of a workshop may be easily fitted with suspension cranes at low investment, as required.



Double Girder Rail System

- The double girder bridges allow for longer span than the single girder ones and also offer a shorter headroom.
- Double-girder suspension cranes also feature a low deadweight and favourable structural dimensions.
- It can be moved on manual but in case span is more than 6m and load is more than 1000kg, it can be moved by using drive motor.



Sparkline Light Weight Rail Kit Components



Load Trolley



CT Suspension



Suspension Assemblies



8 Wheel Load Trolley



End Cap



Cable Plastic Trolley



Current Collector



Motorised Trolley



Crane suspension



Cable Metallic Load Trolley



I-beam Suspension



Profile Joining Kit



Connecting Link



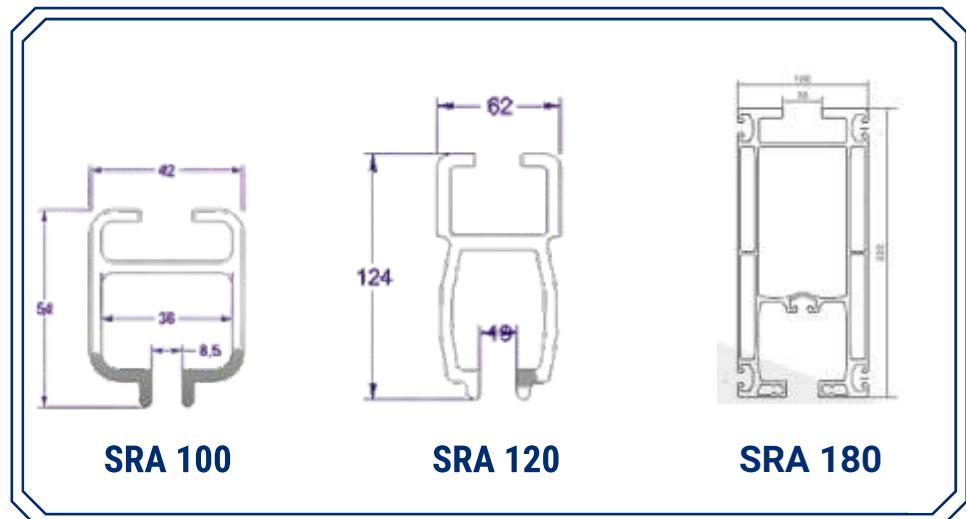
Load Trolley



Aluminium Rail Profile

ALUMINIUM RAIL SYSTEM

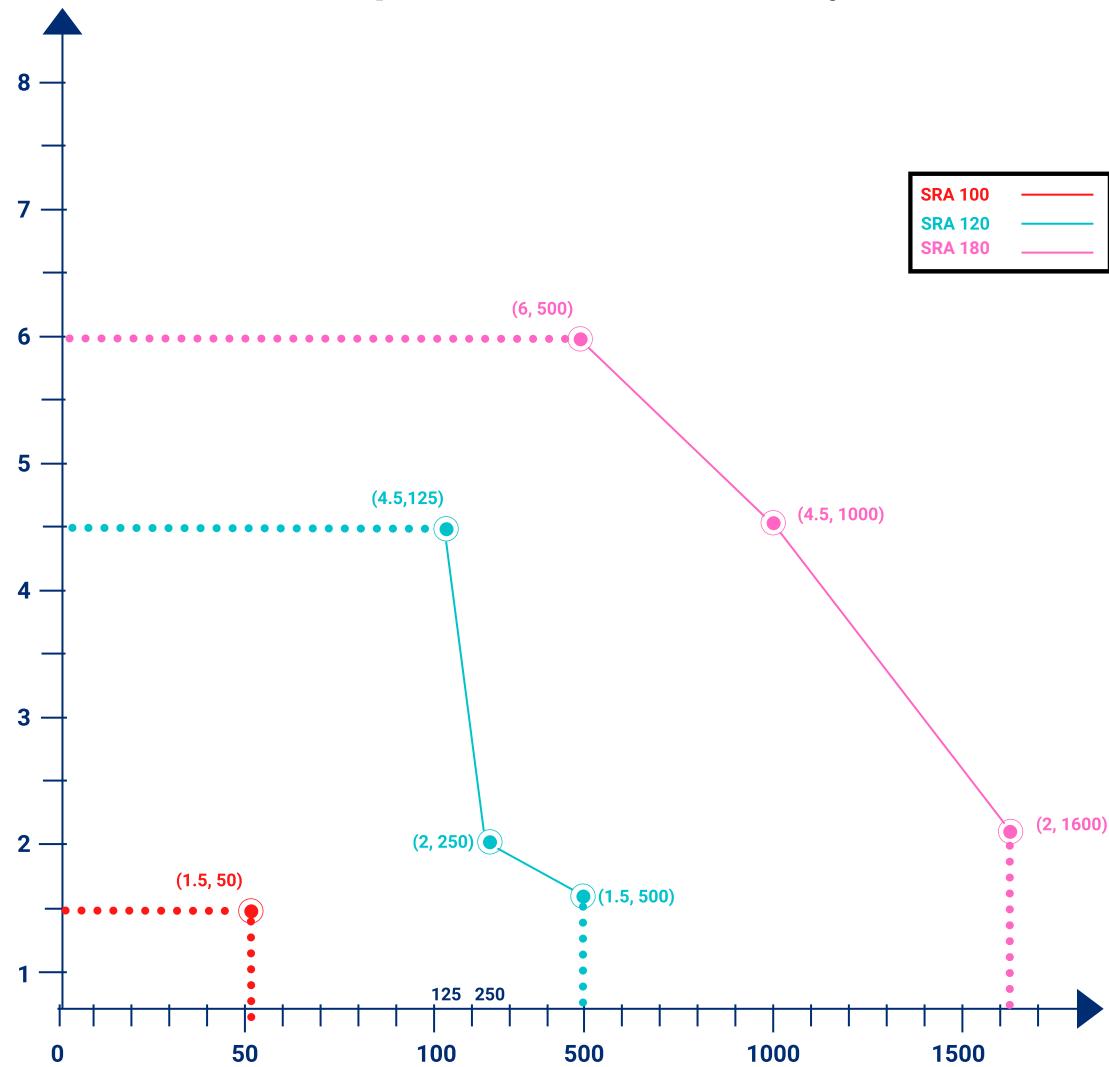
- Our aluminium profiles SRA100, SRA120 & SRA180 are useful for quick and smooth manual operation for lifting weights upto 1600 kg.
- By selecting these profiles you achieve flexibility and reduce applied forces to the ceiling structure.
- Moreover due to the lower push pull force operator fatigue is reduced.



Load chart for Aluminium Rail System

SWL in Kg →	Upto 50	125	250	500	1000	1600
↓ Rail Type	Span in mtr ↓					
SRA 100	1.5	-	-	-	-	-
SRA 120	-	4.5	2	1.5	-	-
SRA 180	-	-	-	6	4.5	2

Load Graph for Aluminium Rail System



HOISTS

Chain Hoists

- Extensive chain hoist range for lifting capacities from 125 kg to 6,300 kg
- Contactor logic control
- Extremely short and compact construction ensures that space can be utilised to the maximum
- High ISO classification according to FEM/ISO standards
- Equipped as standard Dual speed for hoisting and travel



■ Standard □ Option

Type	Load capacity up to [kg]	Stationary	Push trolley	Electric trolley	Articulated trolley	Short head-room trolley	Extra short head-room trolley	Dual chain hoist	Big Bag
ST 05	125 – 630	■	■	■	■	■	■	■	—
ST 10	500 – 1,000	■	■	■	■	■	—	■	■
ST 20	1,000 – 2,000	■	■	■	■	■	—	—	—
ST 30	1,250 – 3,200	■	■	■	■	■	■	■	■
ST 32	1,250 – 3,200	■	■	■	■	■	—	—	—
ST 50	2,500 – 5,000	■	■*	■	■	■	■	■	■
ST 60	3,200 – 6,300	■	■*	■	■	■	□	■	—

* Only available with 1/1 reeving in the standard range.

Higher safe working loads on request.



Who We Are

"We blend our strength of reach, accessibility & commitment towards lifetime ownership of solutions to our customers making us the preferred brand.



An organisation grown with 180+ experts



Global technology knowhow



Stable business policies & leadership engagement



Lifetime ownership & better value for customer's investment



State-of-the-art manufacturing facilities

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