



## Lyftman

**Produced from cold rolled, single piece high strength steel:** the result is the reliable and cost effective LR120/170 profile.

**Self-adjusting joint concept:** this design simplifies installation.

**Automatic powder-coating line:** ensures high-quality resistance to corrosion and long service life (water based powder – a better environmental choice).

**Wide range:** with the four basic track sizes an optimized combination is always guaranteed.



## Lyftman

**Geproduceerd uit een stuk hoogwaardig koud gewalst staal:** het resultaat is een betrouwbaar kostenbesparend LR120/170 railsysteem.

**Zelf richtend aansluit-concept:** dit vereenvoudigt de montage.

**De hoge kwaliteit van de poedercoating** zorgt voor een hoge weerstand tegen roest en een lange levensduur (de poedercoating is op waterbasis wat een betere keuze is voor ons milieu).

**Veel keuze mogelijkheden:** met de 4 basis rails is een optimale combinatie altijd gegarandeerd.



## Lyftman

**Prodotto mediante laminazione a freddo da un unico elemento:** il risultato è un profilo LR120/170 affidabile e conveniente.

**Sistema a giunzioni autocentranti:** questo design permette di semplificare l'installazione.

**Verniciatura a polvere ottenuta con linea:** garanzia di massima durata e resistenza alla corrosione. (Vernici a base d'acqua – per un maggior rispetto dell'ambiente).

**Vasta gamma:** con le quattro misure base si garantiscono ottime combinazioni.



## Lyftman

**Produzido em laminação a frio, peça única com aço de alta resistência:** Resulta em segurança e custo acessível, perfis LR120/170.

**Junção auto ajustável:** esta concepção simplifica as instalações.

**Linha automática pintura alta resistência:** assegura alta qualidade, resistência a corrosão e longa vida útil (pintura a base d'água – a melhor solução para o meio ambiente).

**Gama de modelos:** com os quatro tipos básicos de trilhos, permite uma variedade de combinações.

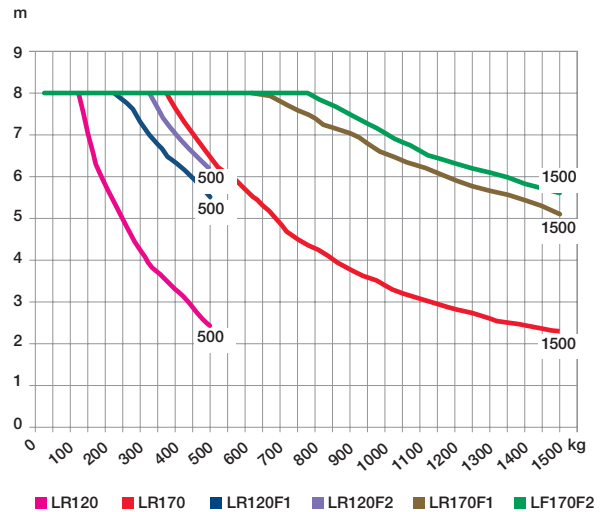
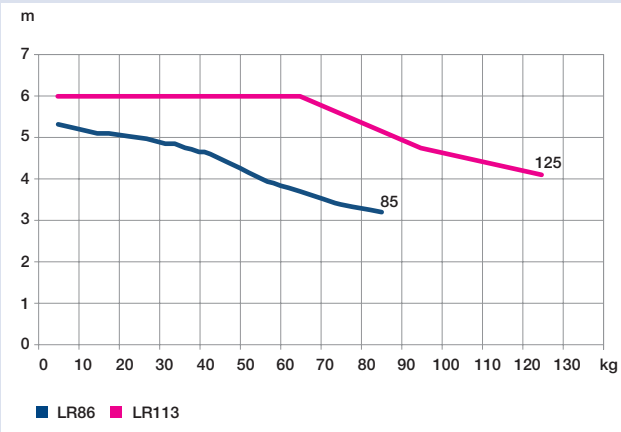


Basic track sizes

Afmetingen basis rails

Gamma completa dei profili

Tipos básicos de trilhos

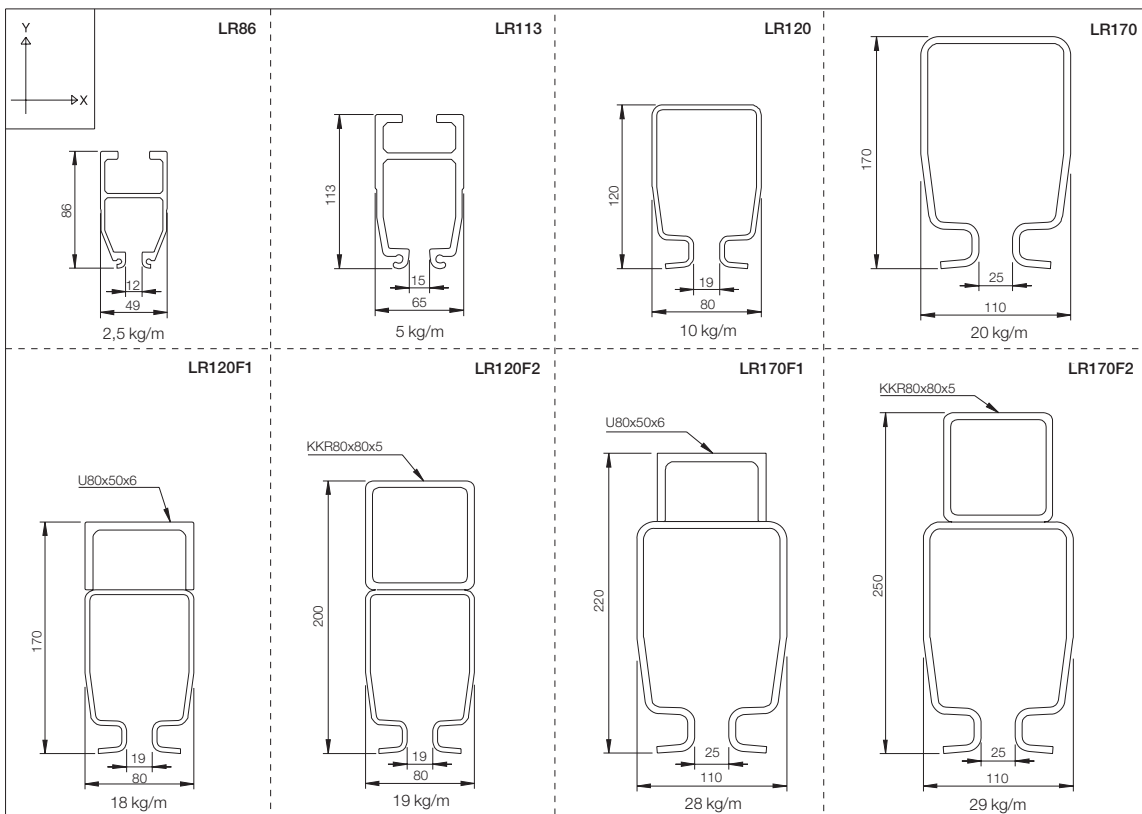


Load diagrams: The SWL (Safe Working Load,  $x=kg$ ) is increased when the distance between suspension points ( $y=m$ ) is decreased. (Deflection max 1:350.)

Belasting: De SWL, veilige werk belasting  $x$  (kg), neemt toe wanneer de afstand tussen de ophangpunten (m) wordt verkleind. (elasticiteit max. 1:350)

Diagrammi di carico: Il SWL, Safe Working Load (portata max di sicurezza)  $x$  (kg), aumenta quando la distanza tra i punti di sospensione  $y$  (m) diminuisce. (Freccia max 1:350.)

Diagrama de cargas: A CTS (Carga de Trabalho Segura,  $x=kg$ ) é aumentada quando a distância entre pontos de suspensão ( $y=m$ ) é diminuída (deflexões max 1:350.)



Aluminum profiles LR86/LR113, steel profiles LR120/LR170, reinforced profiles LR120F1/F2 and LR170F1/F2


Profili in alluminio LR86/LR113, profili in acciaio LR120/LR170, profili rinforzati LR120F1/F2

Aluminium profielen LR86/LR113, stalen profielen LR120/LR170, versterkte profielen LR120F1/F2


Perfis em alumínio LR86/LR113, perfis em aço LR120/LR170, perfis reforçados LR120F1/F2 e LR170F1/F2



1.

 *Monorail system with curves*

 *Monorail met bochten*

 *Sistemi monorotaia con curve*

 *Sistema de monorilho com curvas*



2.

 *Single girder crane system in aluminum*


 *Kraanbaansysteem in aluminium*


 *Sistema in alluminio a ponte singolo*


 *Sistema de ponte rolante univiga em alumínio*



3.

 *Twin girder crane with motorized trolleys*

 *Dubbelliger met gemotoriseerde trolleys*

 *Carroponte a doppio ponte con carrelli motorizzati*

 *Ponte rolante dupla viga motorizada*



4.

 *A combination of steel and aluminum profiles*

 *Een combinatie van stalen en aluminium profielen*

 *Combinazione di profili di alluminio e acciaio*

 *Combinação de perfis em aço e alumínio*



5.

 *Monorail*

 *Monorail*

 *Monorotaia*

 *Monorilho*

 Monorail 
  Monorail 
  Monorotaia 
 
 Monotrilha








 Single bridge crane 
  Enkelligger 
  Carroponte con una traversa 
 
 Ponte rolante univiga



 Twin bridge crane 
  Dubbelligger 
  Carroponte a doppia traversa 
 
 Ponte rolante duplaviga




 Low built systems  
/ Floor mounted constructions  
 System met lage inbouwhoogte


 Sistemi ribassati  
 Sistemas rebaixados  
 / Instalações com estrutura auxiliar





 Curves 
  Bochten 
  Curve 
 
 Curvas



 Jib cranes  
 up to 275 lbs

 Gru a bandiera  
 fino a 125 kg

 Zwenkkraan  
 tot 125 kg

 Pórticos Giratórios  
 até 125 kg, manual







### Jibarm LRAV (inches)

Type	Load (lbs)	A	C	D	E	F	L	N	Arm profile	Weight (lbs)
LRAV2/80	88-175	78.75"	22.72"	19.96"	4.33"	5.91"	0.55"	119.49"	LR86	33
LRAV3/80	88-175	118.11"	22.72"	19.96"	4.33"	5.91"	0.55"	119.49"	LR86	42
LRAV4/40	88	157.48"	22.72"	19.96"	4.33"	5.91"	0.55"	119.49"	LR86	49
LRAV5/40	88	196.85"	22.72"	19.96"	4.33"	5.91"	0.55"	119.49"	LR86	60
LRAV4/60	132	157.48"	22.72"	19.96"	4.33"	5.91"	0.55"	119.49"	LR86	51
LRAV6/40	88	236.22"	33.86"	31.50"	5.91"	7.87"	0.71"	120.08"	LR113	143
LRAV4/80	175	157.48"	33.86"	31.50"	5.91"	7.87"	0.71"	120.08"	LR113	121
LRAV5/80	175	196.85"	33.86"	31.50"	5.91"	7.87"	0.71"	120.08"	LR113	132
LRAV2/125	275	78.75"	33.86"	31.50"	5.91"	7.87"	0.71"	120.08"	LR113	999
LRAV3/125	275	118.11"	33.86"	31.50"	5.91"	7.87"	0.71"	120.08"	LR113	110

### Column for LRAV (inches)

Type	For LRAV*	B	G	H	J	K	M	Weight (lbs)
LPM15361	LRAV2/80	142.13"	9.84"	7.87"	0.79"	0.71"	M12	210
LPM15361	LRAV3/80	142.13"	9.84"	7.87"	0.79"	0.71"	M12	210
LPM15361	LRAV3-4/40	142.13"	9.84"	7.87"	0.79"	0.71"	M12	210
LPM15361	LRAV5/40	142.13"	9.84"	7.87"	0.79"	0.71"	M12	210
LPM15361	LRAV4/60	142.13"	9.84"	7.87"	0.79"	0.71"	M12	210
LPM20386	LRAV6/40	151.97"	11.81"	9.84"	0.79"	0.95"	M16	320
LPM20386	LRAV4/80	151.97"	11.81"	9.84"	0.79"	0.95"	M16	320
LPM20386	LRAV5/80	151.97"	11.81"	9.84"	0.79"	0.95"	M16	320
LPM20386	LRAV2/125	151.97"	11.81"	9.84"	0.79"	0.95"	M16	320
LPM20386	LRAV3/125	151.97"	11.81"	9.84"	0.79"	0.95"	M16	320

\* The jib crane includes arm and bracket, 1 pce trolley for lifting equipment, 3 pcs trolley for air tube with leather strap, end stop, load signs and 4 pcs bolts.



### Zwenkkraan LRAV (mm)

Type	Gewicht last (kg)	A	C	D	E	F	L	N	Arm profiel	Gewicht (kg)
LRAV2/80	40-80	2000	577	507	110	150	14	3035	LR86	15
LRAV3/80	40-80	3000	577	507	110	150	14	3035	LR86	19
LRAV4/40	40	4000	577	507	110	150	14	3035	LR86	22
LRAV5/40	40	5000	577	507	110	150	14	3035	LR86	27
LRAV4/60	60	4000	577	507	110	150	14	3035	LR86	23
LRAV6/40	40	6000	860	800	150	200	18	3050	LR113	65
LRAV4/80	80	4000	860	800	150	200	18	3050	LR113	55
LRAV5/80	80	5000	860	800	150	200	18	3050	LR113	60
LRAV2/125	125	2000	860	800	150	200	18	3050	LR113	45
LRAV3/125	125	3000	860	800	150	200	18	3050	LR113	50

### Kolom voor LRAV (mm)

Type	Voor LRAV*	B	G	H	J	K	M	Gewicht (kg)
LPM15361	LRAV2/80	3610	250	200	20	18	M12	95
LPM15361	LRAV3/80	3610	250	200	20	18	M12	95
LPM15361	LRAV3-4/40	3610	250	200	20	18	M12	95
LPM15361	LRAV5/40	3610	250	200	20	18	M12	95
LPM15361	LRAV4/60	3610	250	200	20	18	M12	95
LPM20386	LRAV6/40	3860	300	250	20	24	M16	145
LPM20386	LRAV4/80	3860	300	250	20	24	M16	145
LPM20386	LRAV5/80	3860	300	250	20	24	M16	145
LPM20386	LRAV2/125	3860	300	250	20	24	M16	145
LPM20386	LRAV3/125	3860	300	250	20	24	M16	145

\* De zwenk kraan bestaat uit een rail met bracket, 1 trolley voor hef-systeem, 3 trolleys met lederen riempje ten behoeve van de luchtslang, eind-stop, lastplaatje en 4 bouten.



### Braccio bandiera LRAV (mm)

Tipo	Portata (kg)	A	C	D	E	F	L	N	Profilo braccio	Peso (kg)
LRAV2/80	40-80	2000	577	507	110	150	14	3035	LR86	15
LRAV3/80	40-80	3000	577	507	110	150	14	3035	LR86	19
LRAV4/40	40	4000	577	507	110	150	14	3035	LR86	22
LRAV5/40	40	5000	577	507	110	150	14	3035	LR86	27
LRAV4/60	60	4000	577	507	110	150	14	3035	LR86	23
LRAV6/40	40	6000	860	800	150	200	18	3050	LR113	65
LRAV4/80	80	4000	860	800	150	200	18	3050	LR113	55
LRAV5/80	80	5000	860	800	150	200	18	3050	LR113	60
LRAV2/125	125	2000	860	800	150	200	18	3050	LR113	45
LRAV3/125	125	3000	860	800	150	200	18	3050	LR113	50

### Colonna per LRAV (mm)

Tipo	Per LRAV*	B	G	H	J	K	M	Peso (kg)
LPM15361	LRAV2/80	3610	250	200	20	18	M12	95
LPM15361	LRAV3/80	3610	250	200	20	18	M12	95
LPM15361	LRAV3-4/40	3610	250	200	20	18	M12	95
LPM15361	LRAV5/40	3610	250	200	20	18	M12	95
LPM15361	LRAV4/60	3610	250	200	20	18	M12	95
LPM20386	LRAV6/40	3860	300	250	20	24	M16	145
LPM20386	LRAV4/80	3860	300	250	20	24	M16	145
LPM20386	LRAV5/80	3860	300	250	20	24	M16	145
LPM20386	LRAV2/125	3860	300	250	20	24	M16	145
LPM20386	LRAV3/125	3860	300	250	20	24	M16	145

\* La gru a bandiera include braccio e supporto, 1 carrello per il sistema di sollevamento, 3 carrelli per il tubo dell'aria con fascetta di cuoio, respingente di fine corsa, etichette di carico e 4 bulloni.



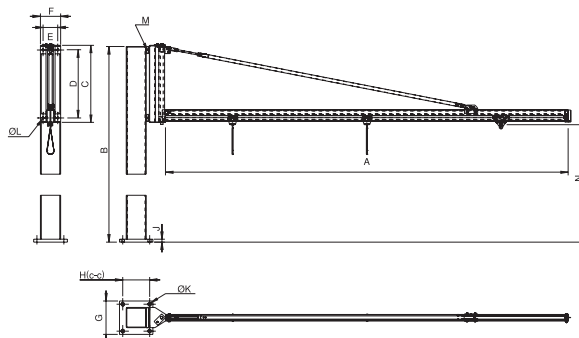
### Braço giratório LRAV (mm)

Tipo	Carga (kg)	A	C	D	E	F	L	N	Braço perfil	Peso (kg)
LRAV2/80	40-80	2000	577	507	110	150	14	3035	LR86	15
LRAV3/80	40-80	3000	577	507	110	150	14	3035	LR86	19
LRAV4/40	40	4000	577	507	110	150	14	3035	LR86	22
LRAV5/40	40	5000	577	507	110	150	14	3035	LR86	27
LRAV4/60	60	4000	577	507	110	150	14	3035	LR86	23
LRAV6/40	40	6000	860	800	150	200	18	3050	LR113	65
LRAV4/80	80	4000	860	800	150	200	18	3050	LR113	55
LRAV5/80	80	5000	860	800	150	200	18	3050	LR113	60
LRAV2/125	125	2000	860	800	150	200	18	3050	LR113	45
LRAV3/125	125	3000	860	800	150	200	18	3050	LR113	50

### Coluna para LRAV (mm)

Tipo	Tipo p/LRAV*	B	G	H	J	K	M	Peso (kg)
LPM15361	LRAV2/80	3610	250	200	20	18	M12	95
LPM15361	LRAV3/80	3610	250	200	20	18	M12	95
LPM15361	LRAV3-4/40	3610	250	200	20	18	M12	95
LPM15361	LRAV5/40	3610	250	200	20	18	M12	95
LPM15361	LRAV4/60	3610	250	200	20	18	M12	95
LPM20386	LRAV6/40	3860	300	250	20	24	M16	145
LPM20386	LRAV4/80	3860	300	250	20	24	M16	145
LPM20386	LRAV5/80	3860	300	250	20	24	M16	145
LPM20386	LRAV2/125	3860	300	250	20	24	M16	145
LPM20386	LRAV3/125	3860	300	250	20	24	M16	145

\* O pórtico giratório inclui braço e suporte, 1 trolley p/equipamento, 3 trolleys p/manguera, batente, adesivo de carga e 4 parafusos.





TH80



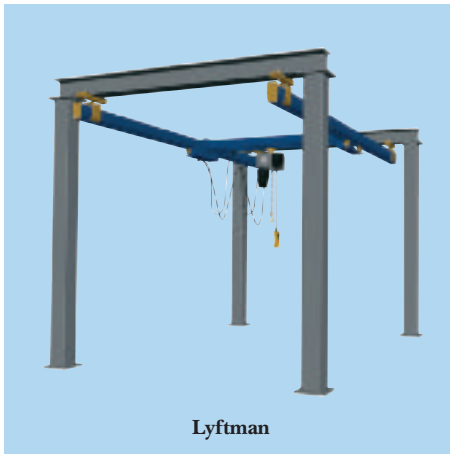
VacuEasylift, VacuMove,  
Levalair, VacuMyggen, VacuMyggen



VacuCobra



TAWILift



Lyftman



Protema

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