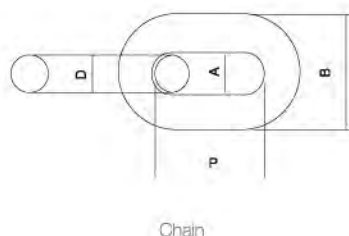


ELECTRIC CHAIN HOIST

Suspension Type Hoist
Electric Hoist With Trolley
Low Headroom Hoist
Single Phase Hoist
Stage Hoist
Electric Trolley



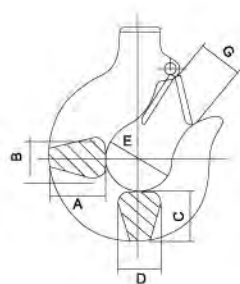
PAWELL



Chain

Chain

Applicable Type	Diameter (mm) D	Inside length (mm) P	Inside width (mm) A	Outside width (mm) B	Work load (kg)	Guaranteed load (kg)	Break load (kg)
PE005S PE010L	6.3	19	7.9	22	1120	27	47
PE010S PE020L	7.1	21	8.9	25	1600	37	61.6
PE020S PE030L	10.0	30	12.5	35	3200	76	125
PE030S PE050S PE075S PE100S PE150S PE200S PE250S PE300S PE350S PE500S	11.2	34	14	39	3800	92	154



Hook

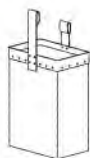
Hook

Type	Load (T)	T B	A	B	C	D	E	G
PE	0.5	T B	27	18	25	17	35	28
	1	T B	34	24	30	24	42	32
	2	T B	46	29	39	30	49	40
	3	T B	56	35	49	34	59	48
	5	T B	67	43	57	44	60	48
	7.5	T B	82	55	80	48	85	80
	10	T B	82	55	80	48	85	80
	15	T B	110	78	120	80	120	96
	20,25	T B	142	95	155	98	150	115

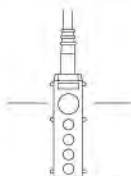
T-upper hook / B-lower hook

Hook: It is hot forging with perfect strength that is hard to break. The operation safety of the lower hook is ensured by its 360 degrees rotation and safety tongue piece.

Standard Fittings With Electric Chain Hoist



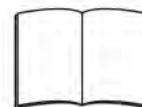
Canvas Chain Bag



Control Pendant



Lubricating Oil



Operation Manual

Electric chain hoist model PE (with suspension hook) or PET (with integrated trolley)

The PE series is a range of high quality products for professional applications. They are highly efficient and engineered for a long working life. The hoists are composed of three main component parts which makes service easy and inexpensive.

PAWELL Electric Chain Hoist Outline

Rated capacity	250kgs to 50t for Single speed & Dual speed
Power Voltage	Single voltage 220V-690V, 50/60Hz Dual voltage-220V/440V, 220V/380V, 230V/460V
Control voltage	24V,36V,48V
Working Group	M4,M5(ISO Standard)/1Am, 2m(FEM Standard)
Motor insulation	Class F
Protection	IP54 for Hoist body - IP54, IP54 for Push button control
Suspension types	Hook, manual trolley, electric trolley
Working temperature	-20 °C to 40 °C (-4 to 104 °F)
Working humidity	85% RH or less



Features

- Classification 1 Am,
- The standard version comes with direct control.
- 1 years warranty (excluding wear parts) as well as a lifetime lubricated gear box.
- Duty cycle 40 % at one operating speed.
- The heavy duty squirrel cage motor has an adjustable spring pressure brake that holds the load secure even in the event of a power failure.
- Motor protected to IP 54, insulation class F.
- The 5-pocket load chain sheave, manufactured from wear resistant case hardening steel, is matched perfectly to the load chain to guarantee smooth and precise chain motion.
- The assembly of component parts result in a low overall height (up to 3000 kg only one chain fall).
- The standard, oil bath lubricated planetary gearbox is particularly smooth running.
- Forged suspension and load hooks, manufactured from non-aging, high alloy tempering steel, yield under overload instead of breaking.
- The standard case hardened and FEC chain is matched perfectly to the load chain to guarantee smooth and precise chain motion.
- All requirements of national and international standards and regulations are fulfilled.

Product Code

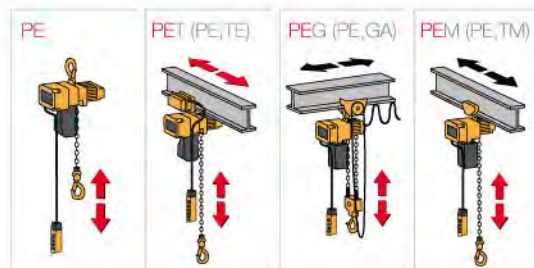
PE T 010 S - L

Traversing Speed

Code	speed
S	single, standard
L	single, low
SD	dual, standard by manual

Type

[PE] is the general model for suspension type hoist, hoist with trolley, Low headroom hoist, single phase hoist, stage hoist.



→ Driven by Electric → Driven by manual

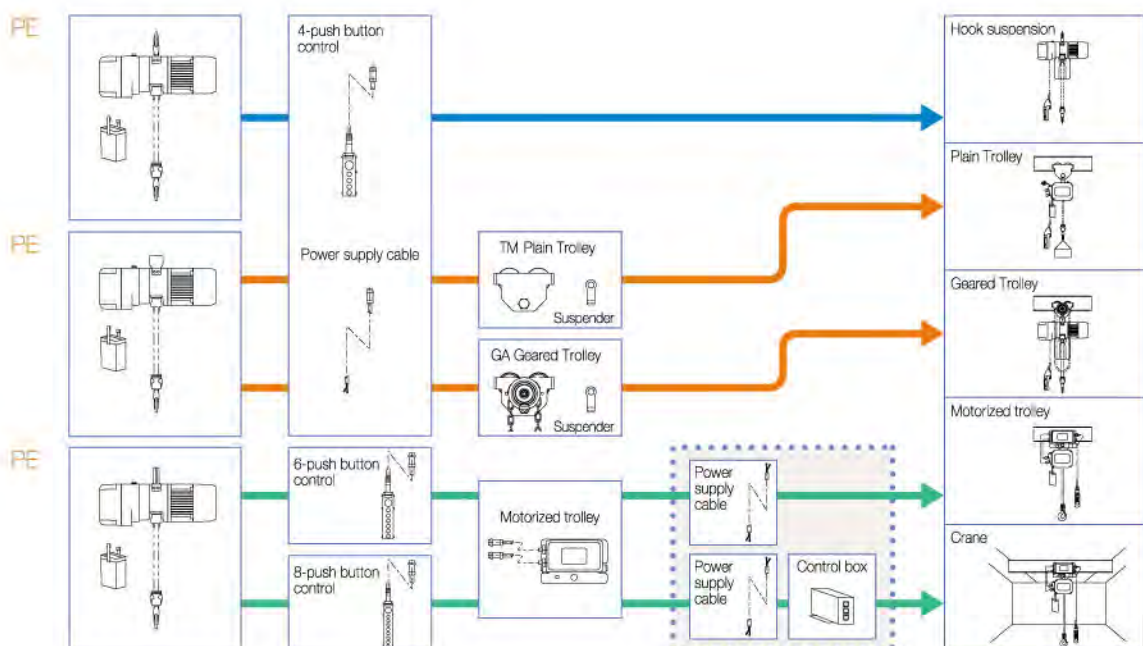
Capacity

Code	Rate Load
002	250 kgs
005	500 kgs
010	1t
020	2t
030	3t
050	5t
075	7.5
100	10t
150	15t
200	20t

Lifting Speed

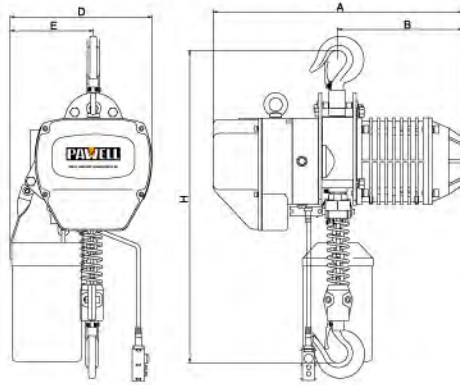
Code	Lifting speed
S	single, standard
L	single, low
SD	dual, standard
LD	dual, low

Product Configurations



ELECTRIC CHAIN HOIST Model; PE

Capacity: 0.5 to 5Ton, Single Speed



- Three meters of control cable as standard accompanies.
- Optional length of lift, push button cord and control cable besides standard is available on your request.
- Extending the load chain is prohibited with additional links.
- Steel chain containers are available as option if your lift is more than capacity of the standard container volume.



Technical Parameters

Capacity (t)	Model	Lifting speed (m/min)	Motor Power (Kw)	No. of chain	Chain size	Net weight (Kg)
500kg	PE005S	7.8	0.8	1	6.3×19	47
1	PE010S	6.6	1.5	1	7.1×21	61
	PE010L	3.3	0.8	2	6.3×19	52
2	PE020S	6.6	3.0	1	10×30	115
	PE020L	3.3	1.5	2	7.1×21	73
3	PE030S	5.4	3.0	1	11.2×34	115
	PE030L	4.4	3.0	2	10×30	122
	PE033L	2.2	1.5	3	7.1×21	131
5	PE050S	2.7	3.0	2	11.2×34	151

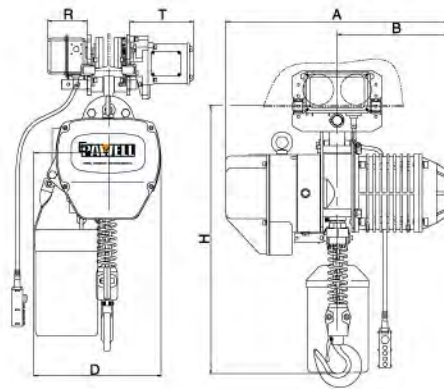


Size Specification (mm)

Model	H	A	B	D	E
PE005S	530	460	230	288	178
PE010S	650	520	260	300	176
PE010L	670	460	230	288	178
PE020S	800	615	295	430	265
PE020L	835	520	260	300	236
PE030S	845	615	295	430	265
PE030L	950	615	295	430	320
PE033L	950	520	260	350	205
PE050S	1030	615	295	430	325

ELECTRIC CHAIN HOIST Model: PET (PE+TE)

Capacity: 0.5 to 5Ton, Single Speed



- Three meters of control cable as standard accompanies.
- Optional length of lift, push button cord and control cable besides standard is available on your request.
- Extending the load chain is prohibited with additional links.
- Steel chain containers are available as option if your lift is more than capacity of the standard container volume.

Technical Parameters

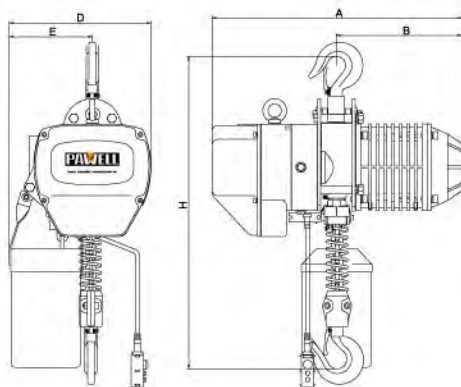
Capacity (t)	Model	PE				TE				
		Lifting speed (m/min)	Motor Power (Kw)	No. of chain	Chain size	Travel speed (m/min)	Motor Power (Kw)	Beamwidth (mm)	Min. Radius curve (m)	N.W of standard 3m lift
500kg	PET005S	7.8	0.8	1	6.3×19	11 or 21	0.4	68-130	0.8	88
1	PET010S	6.6	1.5	1	7.1×21	11 or 21	0.4	68-130	0.8	103
	PET010L	3.3	0.8	2	6.3×19					93
2	PET020S	6.6	3.0	1	10×30	11 or 21	0.4	82-153	0.9	164
	PET020L	3.3	1.5	2	7.1×21					122
3	PET030S	5.4	3.0	1	11.2×34	11 or 21	0.75	82-153	1	176
	PET030L	4.4	3.0	2	10×30					183
	PET033L	2.2	1.5	3	7.1×21					192
5	PET050S	2.7	3.0	2	11.2×34	11 or 21	0.75	100-178	1.8	234

Size Specification (mm)

Model	H	A	B	D	E
PET005S	635	460	230	288	178
PET010S	650	520	260	300	176
PET010L	695	460	230	288	205
PET020S	770	615	295	430	265
PET020L	815	520	260	300	236
PET030S	830	615	295	430	265
PET030L	930	615	295	430	320
PET033L	940	520	260	350	205
PET050S	1015	615	295	430	325

ELECTRIC CHAIN HOIST Model; PE

Capacity: 0.5 to 5Ton, Dual Speed



- Three meters of control cable as standard accompanies.
- Optional length of lift, push button cord and control cable besides standard is available on your request.
- Extending the load chain is prohibited with additional links.
- Steel chain containers are available as option if your lift is more than capacity of the standard container volume.



Technical Parameters

Capacity (t)	Model	Lifting speed (m/min)	Motor Power (Kw)	No. of chain	Chain size	Net weight (Kg)
500kg	PE005SD	7.8/2.4	0.8/0.27	1	6.3×19	54
	PE010SD	6.9/2.3	1.8/0.6	1	7.1×21	74
	PE010LD	3.3/1.1	0.8/0.27	2	6.3×19	61
2	PE020SD	6.9/2.3	3.0/1.0	1	10×30	150
	PE020LD	3.3/1.1	1.8/0.6	2	7.1×21	86
3	PE030SD	5.4/1.8	3.0/1.0	1	11.2×34	159
	PE030LD	4.5/1.5	3.0/1.0	2	10×30	168
	PE033LD	2.4/0.8	1.8/0.6	3	7.1×21	102
5	PE050SD	2.7/0.9	3.0/1.0	2	11.2×34	184

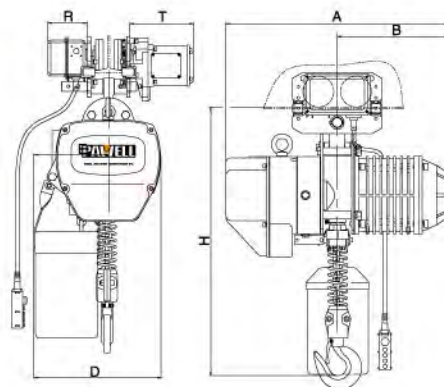


Size Specification (mm)

Model	H	A	B	D	E
PE005SD	530	545	260	288	178
PE010SD	650	582	280	300	176
PE010LD	670	545	260	288	205
PE020SD	800	670	313	430	265
PE020LD	835	582	280	300	236
PE030SD	845	670	313	430	265
PE030LD	950	670	313	430	320
PE033LD	950	582	280	350	205
PE050SD	1030	670	313	430	325

ELECTRIC CHAIN HOIST Model: PET (PE+TE)

Capacity: 0.5 to 5Ton, Dual Speed



- Three meters of control cable as standard accompanies.
- Optional length of lift, push button cord and control cable besides standard is available on your request.
- Extending the load chain is prohibited with additional links.
- Steel chain containers are available as option if your lift is more than capacity of the standard container volume.



Technical Parameters

Capacity (t)	Model	PE				TE				
		Lifting speed (m/min)	Motor Power (Kw)	No. of chain	Chain size	Travel speed (m/min)	Motor Power (Kw)	Bearwidth (mm)	Min. Radius curve (m)	N.W of standard 3m lift
500kg	PET005SD	7.8/2.4	0.8/0.27	1	6.3x19	11or21	0.4	68-130	0.8	100
	PET010SD	6.9/2.3	1.8/0.6	1	7.1x21	11or21	0.4	68-130	0.8	120
	PET010LD	3.3/1.1	0.8/0.27	2	6.3*19					108
2	PET020SD	6.9/2.3	3.0/1.0	1	10x30	11or21	0.41	82-153	0.9	203
	PET020LD	3.3/1.1	1.8/0.6	2	7.1x21					139
3	PET030SD	5.4/1.8	3.0/1.0	1	11.2x34	11or21	0.75	82-153	1	236
	PET030LD	4.5/1.5	3.0/1.0	2	10x30					246
	PET033LD	2.4/0.8	1.8/0.6	3	7.1x21					179
5	PET050SD	2.7/0.9	3.0/1.0	2	11.2x34	11or21	0.75	100-178	1.5	282

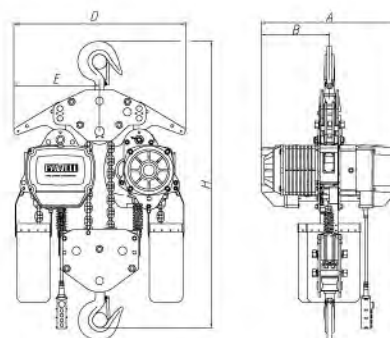


Size Specification (mm)

Model	H	A	B	D	E
PET005SD	650	545	260	288	178
PET010SD	650	582	280	300	176
PET010LD	695	545	260	288	205
PET020SD	770	670	313	430	265
PET020LD	815	582	280	300	236
PET030SD	830	670	313	430	265
PET030LD	930	670	313	430	320
PET033LD	940	582	280	350	205
PET050SD	1015	670	313	430	325

ELECTRIC CHAIN HOIST Model: PE

Large Capacity: 7.5 to 10Ton



Three meters of control cable as standard accompanies.

Optional length of lift, push button cord and control cable besides standard is available on your request.

Extending the load chain is prohibited with additional links.

Steel chain containers are available as option if your lift is more than capacity of the standard container volume.

Technical Parameters

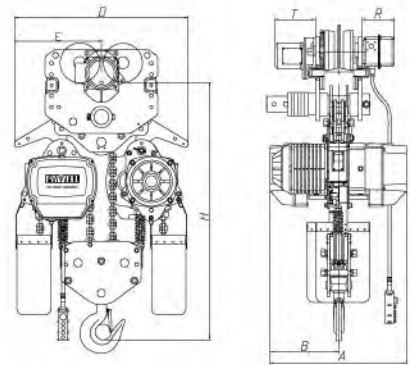
Capacity (t)	Model	Lifting speed (m/min)	Motor Power (Kw)	No. of chain	Chain size	Net weight (Kg)
7.5	PE075S	1.8	3.0	3	11.2×34	176
	PE075SD	1.8/0.6	3.0/1.0	3	11.2×34	215
10	PE100S	2.7	3.0×2	4	11.2×34	300
	PE100SD	2.7/0.9	3.0×2/1.0×2	4	11.2×34	380

Size Specification (mm)

Model	H	A	B	D	E
PE075S	1200	615	295	505	320
PE075SD	1200	670	313	505	320
PE100S	1400	630	315	890	445
PE100SD	1400	670	388	890	445

ELECTRIC CHAIN HOIST Model: PET (PE+TE)

Large Capacity: 7.5 to 10Ton



- Three meters of control cable as standard accompanies.
- Optional length of lift, push button cord and control cable besides standard is available on your request.
- Extending the load chain is prohibited with additional links.
- Steel chain containers are available as option if your lift is more than capacity of the standard container volume

Technical Parameters

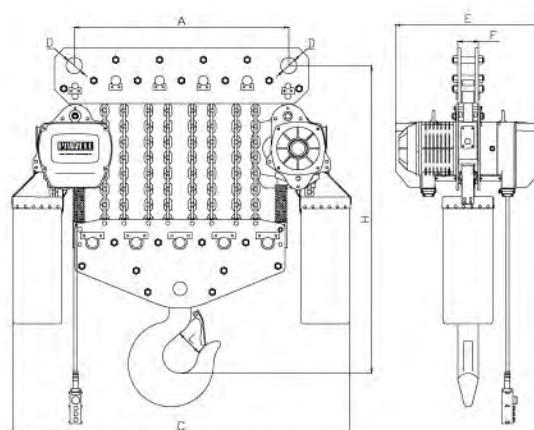
Capacity (t)	Model	PE				TE				
		Lifting speed (m/min)	Motor Power (Kw)	No. of chain	Chain size	Travel speed (m/min)	Motor Power (Kw)	Beamwidth (mm)	Min. Radius curve (m)	N.W of 3m lift
7.5	PET075S	1.8	3.0	3	11.2x34	11 or 21	0.75	150-220	1.8	280
	PET075SD	1.8/0.6	3.0/1.0	3	11.2x34			150-220	1.8	319
10	PET100S	2.7	3.0x2	4	11.2x34	11 or 21	0.75	150-220	2.5	440
	PET100SD	2.7/0.9	3.0x2/1.0x2	4	11.2x34			150-220	2.5	520

Size Specification (mm)

Model	H	A	B	D	E
PET075S	1200	615	295	505	320
PET075SD	1200	670	313	505	320
PET100S	1190	630	315	890	445
PET100SD	1190	670	388	890	445

ELECTRIC CHAIN HOIST Model; PE

Large Capacity: 15 - 25 Ton



- Three meters of control cable as standard accompanies.
- Optional length of lift, push button cord and control cable besides standard is available on your request.
- Extending the load chain is prohibited with additional links.
- Steel chain containers as standard.
- Dual speed type hoist are available, please contact with us if request.
- These hoist are recomand to coupled used with a double girder trolley. Please contact with us for details.



Technical Parameters

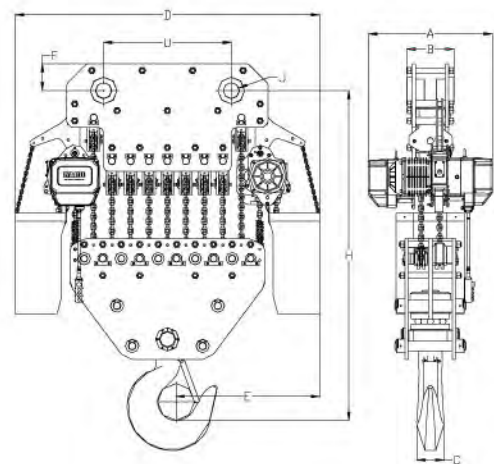
Capacity (t)	Model	Lifting speed (m/min)	Motor Power (Kw)	No. of chain	Chain size	Net weight (Kg)
15	PE150S	1.8	3.0×2	6	11.2×34	382
20	PE200S	1.4	3.0×2	8	11.2×34	482
25	PE250S	1.1	3.0×2	10	11.2×34	503



Size Specification (mm)

Model	H	A	B	D	E	F	L
PE150S	1260	560	1070	54	630	88	95
PE200S	1320	740	1260	70	630	88	115
PE250S	1340	930	1460	70	630	88	115

ELECTRIC CHAIN HOIST Model: PE
Large Capacity: 30 - 50 Ton



- Three meters of control cable as standard accompanies.
- Optional length of lift, push button cord and control cable besides standard is available on your request.
- Extending the load chain is prohibited with additional links.
- Steel chain containers as standard.
- Dual speed type hoist are available, please contact with us if request.
- These hoist are recomand to coupled used with a double girder trolley. Please contact with us for details.

Technical Parameters

Capacity (t)	Model	Lifting speed (m/min)	Motor Power (Kw)	No. of chain	Chain size
30	PE300S	0.9	3.0×2	12	11.2×34
35	PE350S	0.75	3.0×2	16	11.2×34
50	PE500S	0.55	3.0×2	20	11.2×34

Size Specification (mm)

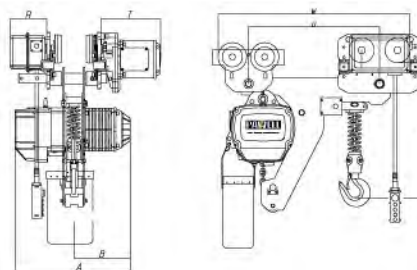
Model	A	B	C	D	E	F	H	J	U
PE300S	740	88	95	1260	630	115	1350	70	1020
PE350S	740	280	160	1610	755	100	1745	80	660
PE500S	740	280	160	1815	855	1610	1965	95	760

LOW HEADROOM ELECTRIC CHAIN HOIST Model: LH-PE

Capacity: 0.5 to 10Ton, Single Speed



Ultra Low Headroom electric chain Headroom Comparison hoist is uniquely designed to have a shorter headroom than that of standard configurations. This product is the most suitable for installation which requires a low ceiling of buildings or maximizes effective lift.



Technical Parameters

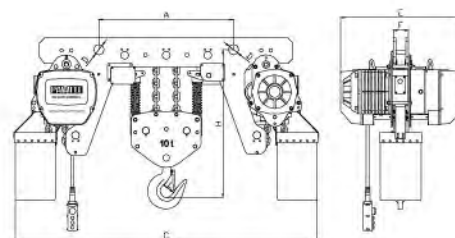
Capacity (t)	Model	PE				TE		
		Lifting speed (m/min)	Motor Power (Kw)	No. of chain	Chain size	Travel speed (m/min)	Motor Power (Kw)	Beamwidth (mm)
0.5	LH-PE005S	7.8	0.8	1	6.3x19	11 or 21	0.4	68-130
1	LH-PE010S	6.6	1.5	1	7.1x21	11 or 21	0.4	68-130
2	LH-PE020S	6.6	3.0	1	10x30	11 or 21	0.4	82-153
	LH-PE020L	3.3	1.5	2	7.1x21			
3	LH-PE030S	5.4	3.0	1	11.2x34	11 or 21	0.75	82-153
	LH-PE030L	4.4	3.0	2	10x30			
5	LH-PE050S	2.7	3.0	2	11.2x34	11 or 21	0.75	100-178
7.5	LH-PE075S	1.8	3.0	3	11.2x34	11 or 21	0.75	150-220
10	LH-PE100S	2.7	3.0x2	4	11.2x34	11 or 21	0.75	150-220

Size Specification (mm)

Model	H	A	B	W	U
LH-PE005S	440	460	230	585	445
LH-PE010S	480	520	260	630	505
LH-PE020S	570	615	295	720	505
LH-PE020L	535	520	260	665	445
LH-PE030S	640	615	295	775	526
LH-PE030L	685	615	295	750	503
LH-PE050S	740	615	295	825	541
LH-PE075S	890	615	295	1020	730
LH-PE100S	850	615	295	996	700

LOW HEADROOM ELECTRIC CHAIN HOIST Model: LH-PE

Capacity: 0.5 to 10Ton, Dual Speed



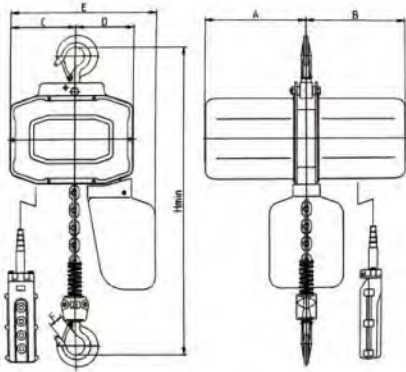
Technical Parameters

Capacity (t)	Model	PE				TE		
		Lifting speed (m/min)	Motor Power (Kw)	No. of chain	Chain size	Travel speed (m/min)	Motor Power (Kw)	Beamwidth (mm)
0.5	LH-PE005SD	7.2/2.4	0.8/0.27	1	6.3x19	11 or 21	0.4	68-130
1	LH-PE010SD	6.9/2.3	1.8/0.6	1	7.1x21	11 or 21	0.4	68-130
2	LH-PE020SD	6.6/3.3	3.0 /1.0	1	10x30	11 or 21	0.4	82-153
	LH-PE020LD	3.3/1.1	1.8/0.6	2	7.1x21			
3	LH-PE030SD	5.4/1.8	3.0 /1.0	1	11.2x34	11 or 21	0.75	82-153
	LH-PE030LD	4.5/1.5	3.0 /1.0	2	10x30			
5	LH-PE050SLD	2.7/0.9	3.0 /1.0	2	11.2x34	11 or 21	0.75	100-178
7.5	LH-PE075SD	1.8/0.6	3.0 /1.0	3	11.2x34	11 or 21	0.75	150-220
10	LH-PE100SD	2.7/0.9	3.0 x2/1.0x2	4	11.2x34	11 or 21	0.75	150-220

Size Specification (mm)

Model	H	A	B	W	U
LH-PE005SD	440	545	260	585	400
LH-PE010SD	480	582	280	630	445
LH-PE020SD	570	670	313	720	505
LH-PE020LD	535	582	280	665	445
LH-PE030SD	640	670	313	775	526
LH-PE030LD	685	670	313	750	503
LH-PE050SD	740	670	313	825	541
LH-PE075SD	890	670	313	1020	730
LH-PE100SD	850	670	313	9896	700

SINGLE PHASE ELECTRIC CHAIN HOIST Model: SP-PE
Capacity: 0.25 to 3Ton



Features

- 125% SWL dynamic load test
- Working voltage:220V 50/60HZ 1 PH
- Working duty:M3
- Unique overloading safety protection
- electrical machine hot protection
- fast lifting speed, light selfweight
- Convenient operation and beautiful appearance



Technical Parameters

Capacity (t)	Model	Lifting speed (m/min)	Motor Power (Kw)	No. of chain	Chain size	Net weight (Kg)
0.25	SP-TE002S	8	0.45	1	5×15	22
0.5	SP-TE005L	4	0.45	2	5×15	25
0.5	SP-TE005S	7	0.8	1	7.1×21	55
1	SP-TE010S	6	1.2	1	7.1×21	60
2	SP-TE020S	3	1.2	2	7.1×21	65
3	SP-TE030S	2	1.2	3	7.1×21	70

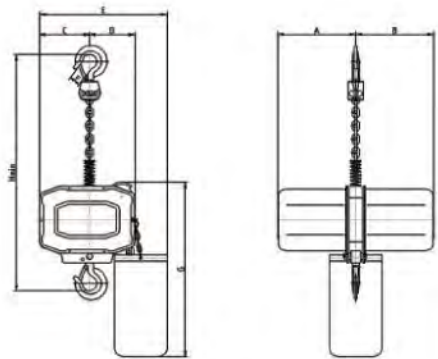


Size Specification (mm)

Model	H	A	B	C	D	E	F
SP-TE002S	430	210	210	116	104	262	24
SP-TE005L	450	210	210	92	128	262	24
SP-TE005S	500	245	245	158	142	350	34
SP-TE010S	520	245	245	158	142	350	34
SP-TE020S	630	245	245	124	176	350	40
SP-TE030S	710	245	245	124	176	350	45

STAGE CHAIN HOIST Model: ST-PE

Capacity: 1 Ton



Features

- These full featured, three phase electric hoists provide reliable performance for use in concert halls, convention arenas, stadiums and studios.
- Unique overloading safety protection
- Electrical machine hot protection
- Fast lifting speed, light selfweight
- Convenient operation and beautiful appearance
- It also can be used as usual hoist
- Single speed and dual speed model are available



Technical Parameters

Capacity (t)	Model	Standard lift (m)	Lifting speed (m/min)	Motor Power (Kw)	No. of chain	Chain size	Net weight (Kg)
1	ST-PE010S	10	7	1.2	1	7×21	67
	ST-PE010SD		6/2	1.2/0.4		7×21	72

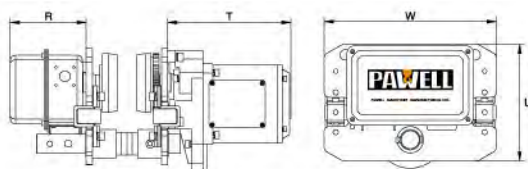


Size Specification (mm)

Model	A	B	C	D	E	F	G
ST-PE010S	245	245	158	142	402	33	550
ST-PE010SD	246	246	158	142	402	33	550

ELECTRIC TROLLEY Model: TE

Capacity: 0.5-10 Ton



Specially recommended for loads over 500 kg, for transporting over long distances and/or when used frequently. Suitable for almost all hoists with coupling rings.



Features

- Compact, robust frame with low overall height.
- Motors protected to IP 54 against dust and spray water.
- Wheels manufactured from fracture-proof steel.
- Smooth running due to machined surfaces and ball bearing mounting. Cambered profile suitable for parallel and inclined beam profiles.
- Anti-tilt and anti-drop devices as standard.
- Easy adjusted to fit to a wide range of beam widths and profiles due to threaded spindles.
- Dual speed mode, and double axle type trolley are available, contact with us for details if request.

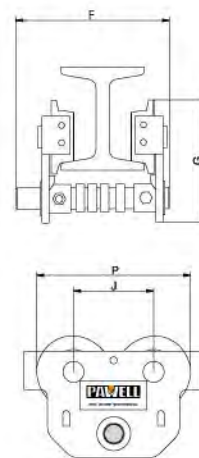


Technical · Size Specification

Capacity (t)	Model	Travel speed (m/min)	Motor Power (Kw)	Beam flange width (mm)	Size dimension (mm)				Min. Radius curve (m)	Net weight kg
					W	U	R	T		
0.5	TE005	11 Or 21	0.4	68-130	315	212	142	231	0.8	41
1	TE010	11 Or 21	0.4	68-130	315	212	142	231	0.8	42
2	TE020	11 Or 21	0.4	82-153	325	220	142	231	0.9	49
3	TE030	11 Or 21	0.75	82-153	340	250	142	231	1.0	61
5	TE050	11 Or 21	0.75	100-178	430	306	142	231	1.5	83
7.5	TE075	11 Or 21	0.75	150-220	430	306	142	231	1.8	89
10	TE100	11 Or 21	0.75	150-220	500	371	142	231	2.5	140

MANUAL TROLLEY Model: TM

Capacity: 0.5-5 Ton



Specially recommended for loads between 500 to 5000 kg. Suitable for almost all hoists with suspension hook or coupling rings. The trolley enables the exact positioning or easy traversing of large loads with electric hoist.

Features

- It has excellent rolling features due to machined steel wheels mounted on prelubricated, encapsulated ball bearings.
- Adjustable to fit a wide range of beam widths and profiles (e.g. INP, IPE and IPB)
- The trolley wheels are designed for a max. beam profile incline of 14 % (DIN 1025 - part 1), excellent rolling features are guaranteed by prelubricated, encapsulated ball bearings.
- Anti-tilt and anti-drop devices as standard.

Technical · Size Specification

Capacity (t)	Model	F	G	P	Beam flange width (mm)	Min. Radius curve	Net weight (Kg)
0.5	TM005	200	130	91	52-102	0.6	8
1	TM010	200	170	115	52-102	0.6	6
2	TM020	218	205	138	68-130	1.0	10
3	TM030	275	236	157	82-153	1.0	15.5
5	TM050	275	280	178	82-153	1.2	29.5