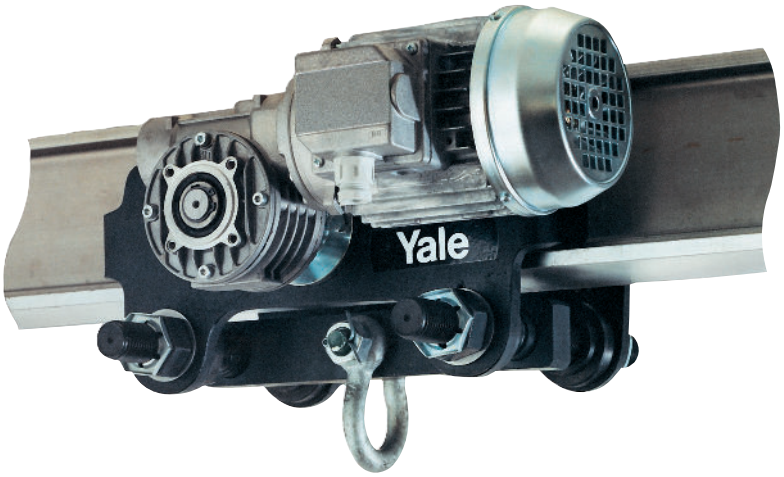
VTE-U, VTEF-U Electric trolley with shackle

Capacity 1000 - 5000 kg

Specially recommended for loads over 1000 kg, for transporting over long distances and/or when used frequently.

Suitable for almost all hoists with suspension hook due to universal shackle connection.
Travel motor with worm gear transmission ensures smooth start and self braking – a separate motor brake is not required.

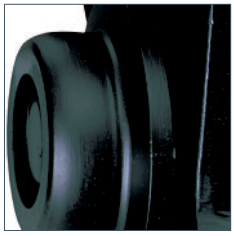


Features

- Standard operating voltage:
  Euro-voltage 400 V, 3 Ph, 50 Hz.
  Single speed motors can be reconnected to 230 V, 3 Ph, 50 Hz.
- Motor protected to IP 55 against dust and water jets. Push-button pendant control IP 65.
- Compact, robust frame with low overall height.
- Wheels manufactured from fracture-proof steel. Smooth running due to machined surfaces and ball bearing mounting. Cambered profile suitable for flat and inclined beam profiles.
- Anti-drop and anti-tilt devices as standard.
- Easy adjusted to fit to a wide range of beam widths and profiles due to threaded spindles.

Optional

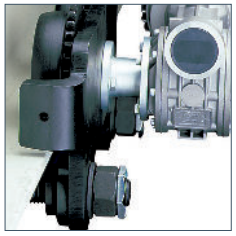
- Low voltage control 42 V
- Rubber buffers
- 230 V, 1 Ph, 50 Hz



Wheel with cambered profile



Threaded spindle



Anti-drop device with option to fit buffers

INFO

Yale hoists and trolleys are not designed for passenger elevation applications and must not be used for this purpose.

Technical data VTE-U, VTEF-U

Model	Art.-No.	Capacity kg	Travel speed m/min	Motor kW	Beam flange width A[2] mm	Beam flange thickness t max. mm	Curve radius min. at flange width A / B[2] m	Weight at flange width A / B[2] kg
VTE 1-A-18/U[1]	N06409625	1000	18[1]	0.18	58 - 180	19	0.9/0.9	19.5/25.2
VTEF 1-A-18/4,5/U[1]	N06409943	1000	18/4.5[1]	0.18/0.06	58 - 180	19	0.9/0.9	19.5/25.2
VTE 2-A-18/U[1]	N06409626	2000	18[1]	0.18	58 - 180	19	1.15/1.15	26/30.2
VTEF 2-A-18/4,5/U[1]	N06409945	2000	18/4.5[1]	0.18/0.06	58 - 180	19	1.15/1.15	26/30.2
VTE 3-A-11/U	N06409939	3000	11	0.37	74 - 180	27	1.5/1.4	51/53
VTEF 3-A-11/2,8/U	N06409947	3000	11/2.8	0.3/0.09	74 - 180	27	1.5/1.4	51/53
VTE 5-A-11/U	N06409941	5000	11	0.37	98 - 180	27	2.0/1.8	77/80
VTEF 5-A-11/2,8/U	N06409949	5000	11/2.8	0.3/0.09	98 - 180	27	2.0/1.8	77/80

[1] 11 or 11/2.8 m/min travel speed on request [2] Trolleys with beam flange width B are suitable for flange width of 180 - 300 mm

Dimensions VTE-U, VTEF-U

Model	VTE 1-A-18/U	VTE 2-A-18/U	VTE 3-A-11/U	VTE 5-A-11/U
A, mm	113	115	139	161
B, mm	b + 50	b + 54	b + 60	b + 70
C, mm	49	47	57	60
D, mm	16	16	19	22
E, mm	187	187	202	202
F, mm	94	94	94	94
G, mm	43	43	51	58
H, mm	129	128	144	178
H1, mm	24	24	32	32
I, mm	77	98	133	149
L1, mm	130	150	180	209
M, mm	155	180	208	263
N1G, mm	255	255	292	292
N2G, mm	263	263	296	296
O, mm	60	80	112	125
P, mm	123	123	129	121
Q, mm	145/205[3]	153/213[3]	160/220[3]	182/242[3]

[3] at beam flange width B

