

System-Options:

The SUNKID-LIFT-Modular System has the option of more than 80 variations. If you make the choice, you have to consider the terrain-shape, the requested capacity, the passengers you want to move, the amount of snowfall and the local environment.

SUNKID-Cord: Kleinskilift "Rope Tow" with Fiber-Rope, rubber grips, max. grade 20% (for special use beyound 20 % - for example short tow for skilled skiers), used as a kinder and beginner tow, training lift, transfer lift.

SUNKID-Star: Grade 0-40% (21,8°), equipped with handles, steel cable, make your choice between the simple „STAR“ Handle or the revolving linked "Comfort Platter Handle".



Cord



Star



Comfort Star

System-Options:

SUNKID-Pino Cord: With or without variable height, max. legth 125m, max 3kW, no concrete foundation necessary.

SUNKID-Swiss Cord: The sophisticated Cord-Lift, variable height by motor, max. length 300m (longer for special use), max. 11 kW, max. capacity 720 persons per hour.

SUNKID-Star: Simple handle design, fixed link to the haul rope, variable height manual or hydraulic driven, variable range small (0,45 m) or big (2,5 m) or the most ambitious Type MEGA-Star, variable height up to 2,8 m by motor. Driving motor 5,5-15 kW, max. capacity 720 persons per hour.

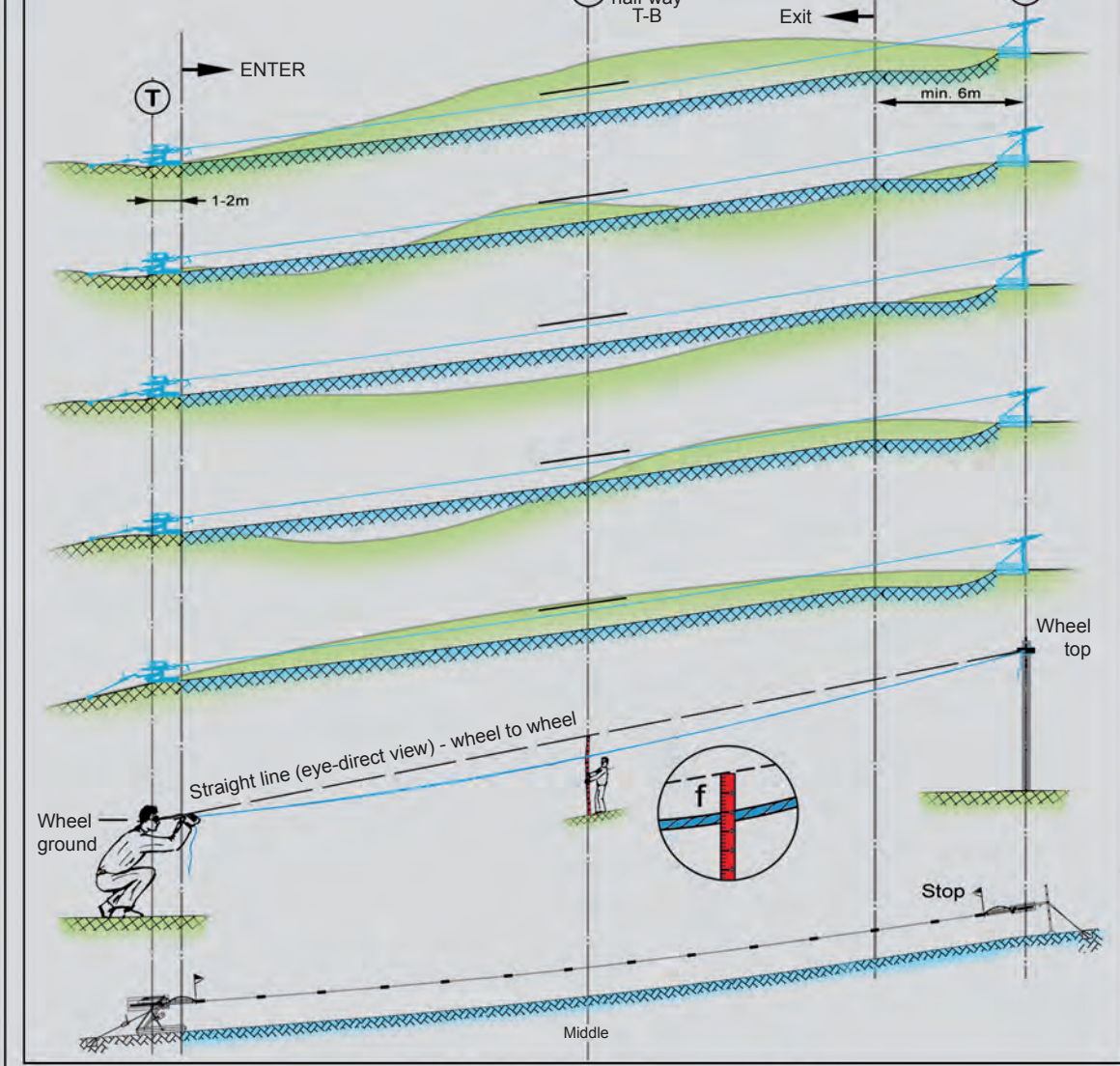
SUNKID-Comfort Star: Equal to STAR, but equipped with the Comfort-Platter Handle, comfortable for small and tall customers.

Motor-Size:

Depend on grade, length and requested capacity. Available 3 kW, 5.5 kW, 7.5 kW, 11 kW, 15 kW. Standard 400 V - optional 480 V.

THE TERRAIN HAS TO MATCH THE ROPE-LINE ! **NO COMPROMISE !!**

If necessary the terrain has to be prepared by moving the ground.

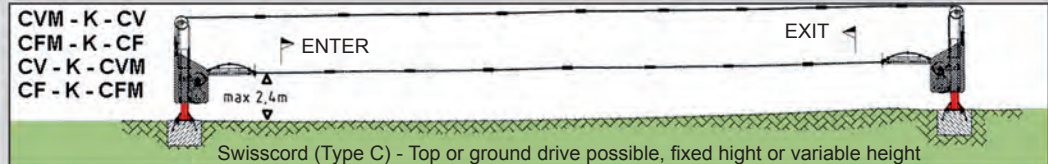
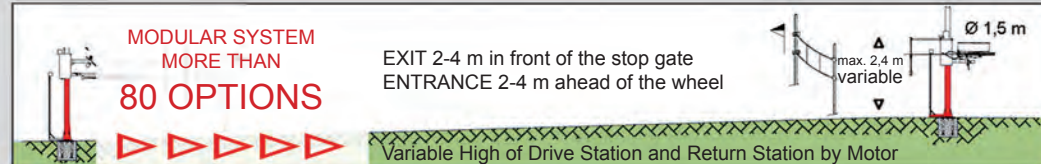
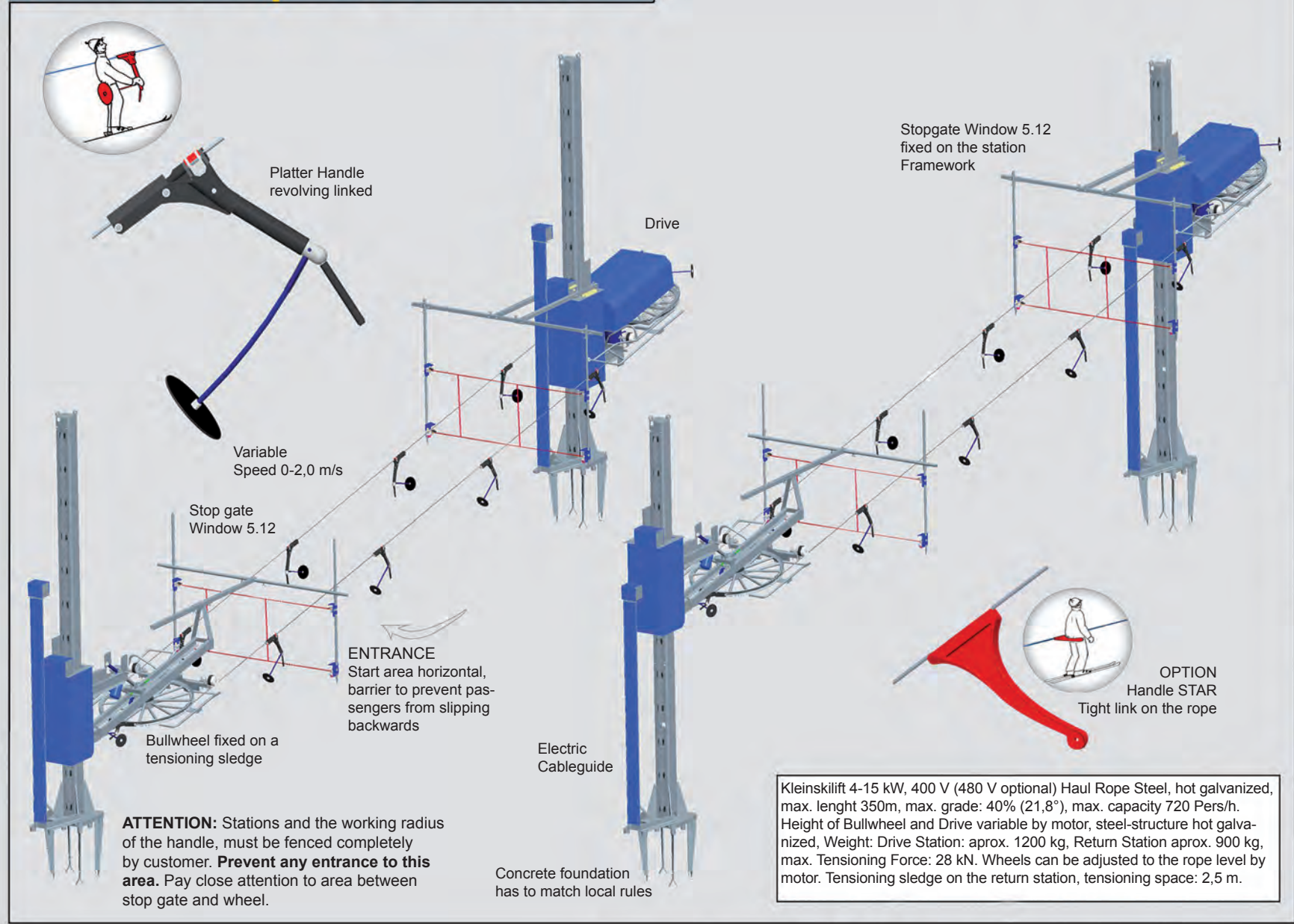


Grade Length	Capacity: 400 up to 720 Persons per hour Speed 1,8 - 2 m/s							
	0%	5%	8%	10%	12%	15%	20%	30%
0-60 m	3	3	3	3	3	3	5,5	5,5
80 m	3	3	3	3	3	3	5,5	5,5
100 m	3	3	3	3	5,5	5,5	5,5	7,5
125 m	3	3	3	5,5	5,5	5,5	7,5	7,5
150 m	5,5	5,5	5,5	5,5	7,5	7,5	7,5	7,5
200 m	5,5	5,5	5,5	7,5	7,5	11	11	11
250 m	5,5	5,5	7,5	7,5	11	11	15	15
300 m	5,5	7,5	7,5	11	11	11	15	15

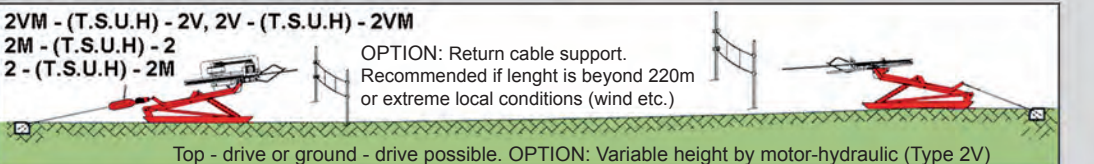
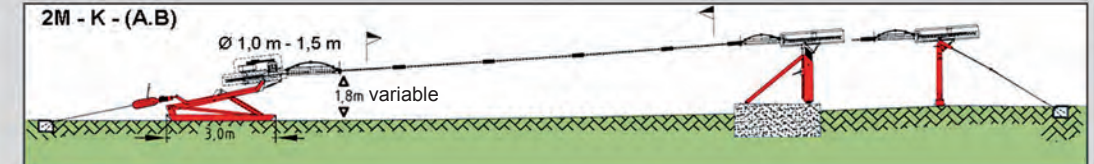
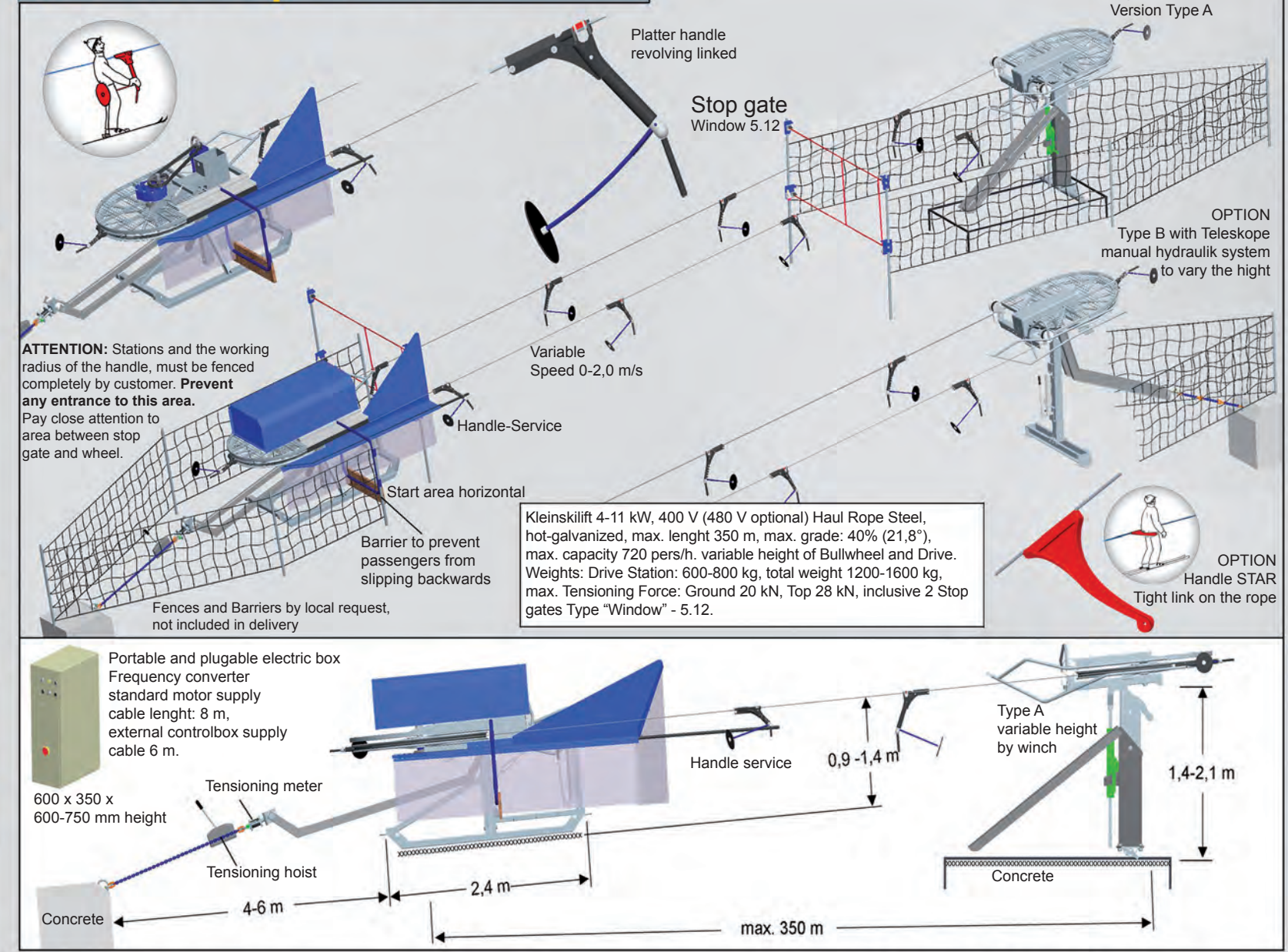
Length (m)	STAR LIFT Steelcable ø 9mm	
	f _m min.	Sag in middle max.
100	1,0m	1,5m
150	1,5m	2,5m
200	2,0m	3,0m
225	2,6m	3,8m
250	3,5m	4,8m
275	4,2m	5,8m
300	4,8m	6,0m
325	5,5m	6,5m

Length (m)	CORD LIFTS Nylon Rope	
	f _m min.	Sag in middle "f" max.
50 m	0,4 - 0,6 m	
80 m	0,7 - 0,9 m	
100 m	1,0 - 1,2 m	
150 m	1,8 - 2,0 m	
200 m	2,5 - 3,0 m	

SunKid | Mega Comfort Star



SunKid | Comfort Star





SunKid | PinoCord

Folded Stop Gate

Version optional: Safety gate type 5,12 window

Fences and Barriers by local Request, not included in delivery

Kleinskifft "Fiber Rope tow" 3kW, 3 x 400 V. ATLAS polyamide fiber rope with rubber-grips, Variable speed by Frequency-Converter, max. transport length 125 m, max. grade 20%. Driving motor in ground-station only. Aluminium light weight design. Total weight 250 - 300 kg, heaviest part: 180 kg. Option: Variable rope height by motor 0,65 - 1,05 m (0,75 kW). Variable height top station by hoist and chain 1,2 - 3,0 m. Drawing is made for a "right-lift" (Uphill rope on the right side seen from the ground.)

Portable and pluggable electric box. Frequency converter. Standard motor supply cable length: 8 m, external control box supply cable 6 m.

600 x 350 x 600-750 mm height

2 Subterranean hooks, redundant

Wheel \varnothing 1,0 m

5,11 Foldet Stop-Gate

up-down

Tensionmeter

Tirfor

Chain, max. Tensioning force 6 kN

Motor for height adjustment

0,65-1,05 m

Return station, variable height by turning up and down, using a hoist. Height max. 2,1 m, Optional 3,0 m

6-8 m

Hoist

Chain

Max. tensioning force 10 kN

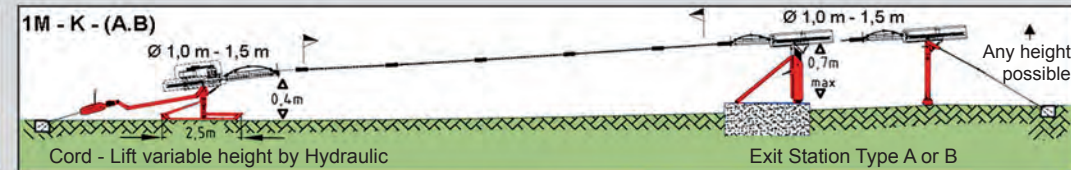
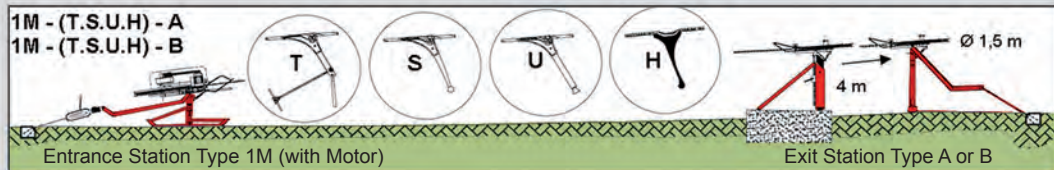
max. 125 m

1,8 m

5-6 m

Optional Foundation Concret 0,8 m x 0,8 m x 0,8 m

Max. grade for beginner 15 %, commuter lift up to 20 %



SunKid | SwissCord

Weight:
Drive Station app. 1.200 kg
Return Station app. 1.000 kg

Variable Speed 0-2,0 m/s

Kleinskifft "Fiber Rope tow" 5,5 - 11 kW, ATLAS polyamide fiber rope with rubber-grips, variable speed by Frequency-Converter, drive station top or ground (at choice). Optional: Variable height by motor.

Entrance both side possible

Option

