Questionnaire for design of cable festooned system

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Details of the cable festooned system :

1. Travelling length (+ 1 % in addition for safety) ..... _____ m
2. Towing trolley _____units Towing attachment ..... _____unit
3. Section rails ..... I (DIN 1025 Bl. 1) ☐ ..... IPE (DIN 1025 Bl. 5) ☐
4. Sag from bottom line support ..... _____mm
5. Distance between terminal box and end support ..... _____mm
6. Distance between towing attachment / -trolley and movable machine ..... _____mm
7. Travelling length of the cable trolleys ..... _____m/min

Ambient conditions of your cable festooned system

8. Application area .....indoor ☐ ..... outdoor ☐
9. Special environmental stress (e.g. acid, steam, dust, sea climate etc.) .....
.....
10. Material of the wheels .....plastic ☐ .....steel, ball beared ☐

Details of the cables, which should be moved:

11. Type of cable .....cable ☐ ..... hose ☐
12. Type of cable .....flat cable ☐ ..... round cable ☐
13. Number of cables, which should be moved ..... _____unit
14. Outside dimensions of the cable (diameter resp. height/ breadth) ..... _____mm
15. Weight of all cables, which have to be moved
(with hoses incl. the mediums which have to be moved) ..... _____kg

Details of the flat- / round cable

16. Number of the wires (with cable) ..... _____unit
17. Cross-section of each wire (with cable) ..... _____ mm²
18. Cable 1:...Outside diameter:____mm Number of the wires:____ Cross-section of each wire:____
Cable 2:...Outside diameter:____mm Number of the wires:____ Cross-section of each wire:____
Cable 3:...Outside diameter:____mm Number of the wires:____ Cross-section of each wire:____
Cable 4:...Outside diameter:____mm Number of the wires:____ Cross-section of each wire:____