

Flexible with energy!

Company : _____ City : _____
 Country : _____ Contact : Mr. / Mrs. _____
 Phone : _____ E-mail : _____
 Fax : _____ Date : _____
 Your ref. : _____

We want to deliver an AKAPP installation which is exactly adapted to your company. Therefore, we request you to answer the following questions.

1. Type of application where the Pro-Ductor system is to be used?	_____
2. Number of aisles?	_____ pc.
3. Maximum driveway crane (incl. the spring-way of end buffer)? If not equal, specify for each aisle.	_____ m; _____ m; _____ m; _____ m; _____ m; _____ m
4. Mounting position of the Pro-Ductor system?	horizontal / vertical / top down (ceiling mounting)
5. Amount of uprights and center distance? Width and depth of the uprights	_____ pc., _____ mm _____ mm x _____ mm
6. Overlength of Pro-Ductor system? If yes, how many millimeters?	at begin position: yes, _____ mm / no at end position: yes, _____ mm / no
7. Is the frontside of the vertical warehouse upright standardly equipped with holes of Ø 10,5 mm? If not, is it allowed to drill into the uprights? Is it possible to use self-drilling screws?	yes / no yes / no yes / no
8. Total height available for the Pro-Ductor system (from the floor)?	_____ mm
9. Position of feed point?	at the beginning of the system / at _____ m
10. Number of feed points per installation? (isolation sections required?)	_____ pc. yes, _____ pc. / no
11. Size of supply cable?	_____ x _____ mm ² , _____ mm Ø
12. Size of control cable?	_____ x _____ mm ² , _____ mm Ø
13. Voltage and frequency?	_____ V, A.C., _____ Hz / D.C.

Please continue on next page

14. Copper conductor configuration? Number and type of machines to be fed?	phase: pc., neutral: yes / no, earth: yes / no, data: pc., protocol:
15. Maximum power and current per machine? A nom , A starting current kW, A
16. Maximum simultaneous power and current (if multiple cranes are on 1 Pro-Ductor system)? A nom , A starting current kW, A
17. Duty cycle of the cranes? %
18. Maximum travel speed? m/min.
19. Ambient conditions?
20. Ambient temperature?	min. °C, max. °C
21. Are there any curves or tranfers in the track? If yes, a (CAD-)drawing with all relevant dimensions should be attached!	no / yes, curves, transfers
22. If there are curves, what is the smallest centre radius of the crane track? mm / see attached drawing
23. Distance between "centre crane track" - frontside uprights? mm / see attached drawing
24. Distance between side of crane and front side of uprights? mm / see attached drawing
25. Centre distances between the aisles? mm / see attached drawing
26. Centre distance between the crane wheels? mm / see attached drawing
27. Tolerances on the alignment of the vertical uprights? (horizontally)	+/- mm
28. If possible, please add relevant (CAD) drawings to this questionnaire.	drawings added: yes, see attachment(s) / no /
Further comments:	