Inquiry – Meter Mix Dispense Machines

Thank you,

for your interest in Mahr Unipre meter/mix dispensing equipment. We need some further information about the material system that you intend to work with, your production process and your product so that we can help you in the best possible way. On our website at www.mahr.com you will find our privacy statement.

If you work with the Adobe Acrobat Reader program you can complete this form on your computer and then print it. The advanced programs Acrobat Distiller or Acrobat Professional allow also to save the completed form and to send it by e-mail.

Your contact details

Company

Country

Name

Phone

Address

E-mail address

How did you learn of our company?

How many machines does your inquiry relate to?

Material data

1. Do you want to **cast or spray**?　　　　　Cast　　　　　Spray

2. What is the percentage mix ratio of the material components:

A	B	C	D

3. How is the **mixing ratio** specified?　　　　　by volume　　　　　by weight

4. Desired throughput of each component in litres/kg per minute:
Please indicate unit

Comp.	Comp.	Comp.	Comp.
min	min	min	min
max	max	max	max

5. Desired output in litres/kg per minute of mixed material:

min	max

6. What is your working output?

litres, kg / hour		litres, kg / day	
min	max	min	max

7. Please advise weight in kg of biggest cast product:

8. What material do you intend to work with?
If possible add material data sheet

Material manufacturer

Comp. A	Comp. B	Comp. C	Comp. D

9. **Viscosity at room temperature** in °C
Please indicate unit: e.g. **Pas, mPas, Poise, cPoise**.

Comp. A	Comp. B	Comp. C	Comp. D
in	in	in	in

10. Please advise the room temperature in °C:　　　　11. Is the material solid at room temperature?　　yes　　no

	Comp. A	Comp. B	Comp. C	Comp. D
12. If yes, what is the **melting point in °C**?				

	Comp. A	Comp. B	Comp. C	Comp. D
13. **Viscosity at working temperature**. Please indicate unit e.g. **Pas, mPas, Poise, cPoise:**				
	in	in	in	in

	Comp. A	Comp. B	Comp. C	Comp. D
14. **Density at working temperature** in kg/ litre:				

	Comp. A	Comp. B	Comp. C	Comp. D
15. **Working temperature** in °C:				

	Comp. A	Comp. B	Comp. C	Comp. D
16. **Tolerances** +/- in °C:				

	Component (A, B,C oder D)	Mohs hardness	Percentage of fillers	Grain size in µ
17. Are any of the material components **abrasive or do they contain fillers**? If yes, please advise:				

18. **Pot life at working temperature** in seconds:

19. Does the material need to be homogenized prior to processing?   yes   no

If yes, which component(s)?

20. Does the material supplier recommend a specific homogenization process?   yes   no

If yes, please describe:

Information about production process and product

21. Please give a short description of the product that you want to manufacture:

22. Did you use other machine(s) in the past for the same product?   yes   no

23. What machine(s) have you used so far?

24. Give a short description of your production process. Are there any automated process steps?

25. Do you intend to use the machine for different material systems?   yes   no

26. How many different and what materials will be processed? How often will you change material? e.g. daily, weekly

27. Are there any particular requirements for the control unit? e.g. manufacturer

28. Are there interfaces to other machines? If yes, please indicate each manufacturer and type.

29. Are there any particular requirements for ease and convenience of use? e.g. preset, stored routines, automated steps, extendedmemory function, different user levels etc.

Material tanks

30. Do you need material tanks on the machine?   yes   no

	Comp. A	Comp. B	Comp. C	Comp. D
31. If yes, what capacity in litres?				

32. Do the tanks need to be heated?   yes   no

   If yes, would you prefer heating via:

   electrical heating band on outside of tanks (max. 85°C)   double wall tanks using heat transfer fluid (continuous heating)

   heat exchanger in tank base   electric heating cabinet (continuous heating)
   (for high and accelerated material flow)

33. Which of the following accessories should the tanks be equipped with? Please tick:

   air drier   vacuum pump and ejector   plate edge filter

   edge filter/ material supply   nitrogen connection   sight-glass

   sight-glass with light   sight-glass with wiper blade

   single speed electric agitator   single speed pneumatic agitator

   double speed electric agitator   frequency-controlled electric agitator

34. **Minimum** tank level control   35. **Maximum** tank level control

If yes, for which components?   If yes, for which components?

36. How will the tanks be filled?   manuel   automatically

   Which refill equipment do you prefer?   pneumatic   electric

   Which component(s) need to be refilled?

   Advise type and size of supply container: e.g. 200 l barrel or 1000 l container

37. Will you need any additional accessories?   dosing pump heating   flow meter heating
    Please tick:

                                                      plate edge filter heating   continuous heating
                                                                                         (only possible when tanks are heated via
                                                                                         heat transfer fluid or heating cabinet)

Material hoses

38. Please specify desired length of hose between
    machine and mix head (in metres):

39. Will you need any special equipment?
    Please tick:

    suction hose heating   long recirculation

    hose drum

Mix head

40.   static   dynamic   static-dynamic

41. What type of drive should the mix head have?

    pneumatic   electric   hydraulic

    variable speed electric drive

42. Do you prefer:

    material component flushing   flushing agent

    air purge

What do you require in the way of spare parts and tools?

43.   spare part package for mix head   spare part package for machine   tool kit for machine

44. Please advise if there are any other items that we should include:

Utilities / additional equipment

	Volt	Hz	Ph
45. Power supply:			

	litres / min	bar
46. Do you have a compressor? yes no If yes, advise capacity in:		

				litres / min	bar

47. Do you have a refrigerating
    compressed air drier?   yes   no   If yes, advise capacity in:

48. If no, would you like us to include a compressor /   include compressor   include refrigerating air drier
    refrigerating air drier in our offer? Please tick:

Machine control

49. Do you require any specific features?

    Text output in other language than German or English?
    If yes, please indicate language:

    Start of automatic operation   Preclude remote service (optional)   Shot size control (optional)
    via external signals
    (option - further technical clarification required)

50. Do you require any additional functions?   51. Do you require several user levels?
    Please give a brief description: How many?

Questions & Remarks

If you have questions, remarks or additional
requirements you can note them here: