



Version 2013

### APPLICATION & POWDER SPECIFICATION FORM.

Hethon Nederland BV will assist you with choosing the right Hethon Feeder for a certain application. Therefore we need some information about the dry material to handle and the situation at site. Often a situational sketch helps to understand the required machinery and will lead to the right quotation. Sometimes we ask a product sample to prepare the optimal feeder control adjustments for your specific application.

REPRESENTATIVE / date...../.....

#### END USER INFORMATION (fill up when applicable)

Name & domicile/country .....  
Name contact person/dep .....  
Phone/fax/e-mail .....  
Name/number application .....

#### DRY MATERIAL INFORMATION

Name/chemical formula .....  
Kind of product granule size.....mm. / powder size.....micron / hygroscopic / abrasive  
Behaviour of product flowing / compacting / bridging other .....  
Particle shape ..... or "like" .....  
Angle of repose .....degrees "top" angle / "base" angle // Bulk Density ..... kg/dm3  
Moisture .....% of volume  
Special Properties .....

#### SITUATION/APPLICATION

Kind of use feeding / dosing / batches / continously / other .....  
Dosing/Feeding method volumetric / gravimetric to a weigher / gravimetric from a weigher(LIW)  
Required feedrate ..... kg/hr. or ..... batches of ..... litres/kg. per .....hour(s)  
Allowed deviation .....% of average / .....% under minimum / .....% over maximum  
How is the feeder fed? by hand-sacks etc. / automatic by conveyor /or others.....  
Required product contents ..... litres = ..... kg. // Application indoor / Application outdoor  
Temperatures environment ..... ° C. / product ..... ° C.  
Distance to required control for cable feeder - control cabinet ..... metres  
Available power supply ..... Volts / AC / DC / 50 / 60 Hz. / max. ....kW / ..... Amps.  
Pneumatic air supply available pressure ..... kg/cm2 / volume ..... litres/minute  
External control signals for minimum or 0: ..... mA/VDC // maximum .....mA/VDC  
Required output signals (re)fill / alarm for .....  
Other control requirements .....

#### MATERIAL REQUIREMENTS

Frame, cabinet, non contact steel powder coating RAL9001 /stainless steel 304  
Deviating requirements .....  
Materials in contact to product Poly-urethane / sus316 / POM(Delrin) / NBR(nitrile) / Poly-propylene  
Deviating requirements .....

#### INSTALLATION POSSIBILITIES

Possible height of the installation ..... metres from base to top, product entrance  
..... metres from feeder outlet to base

#### OTHER REQUIREMENTS

Hethon also manufacture BigBag emptying stations for bad flowing products. The integrated Hethon Feeder takes your product straight from the bag into your process. Contact us for tailor-made solutions.

PLEASE COPY THIS FORM FOR YOUR CONVENIENCE.