

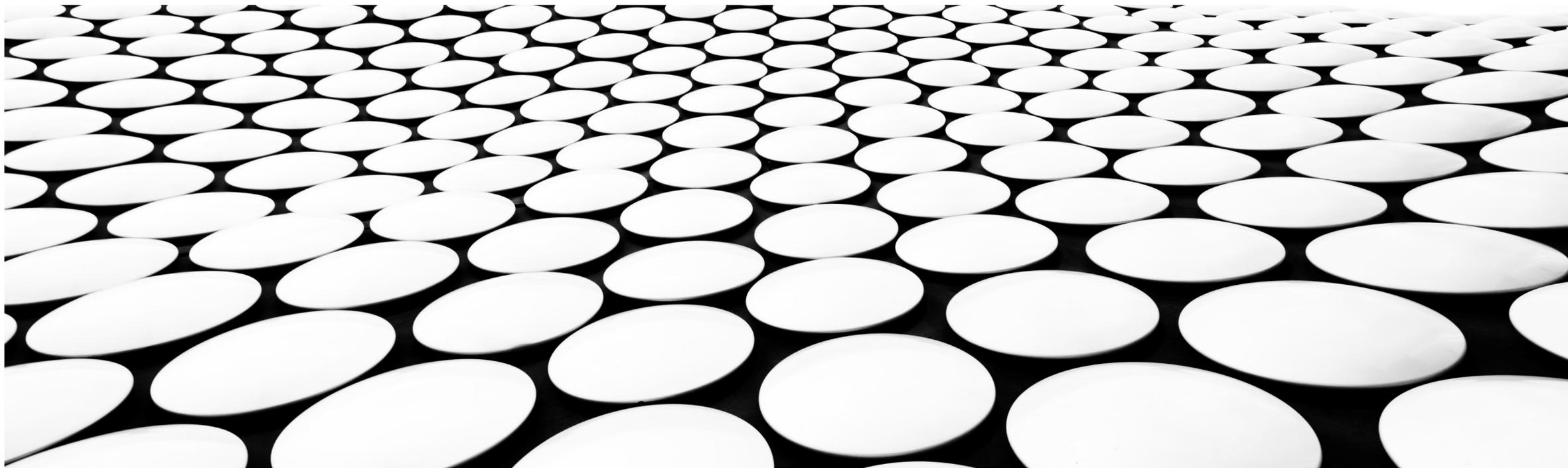


# LOSS-FREE FEEDING & WEIGHING PRODUCT SELECTION MANUAL – 2026

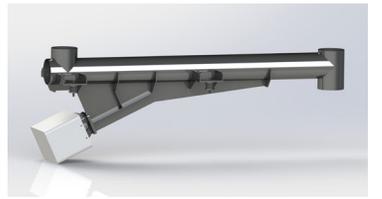
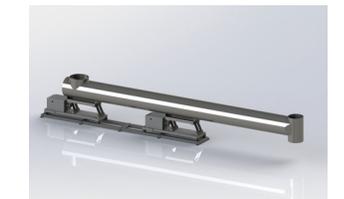
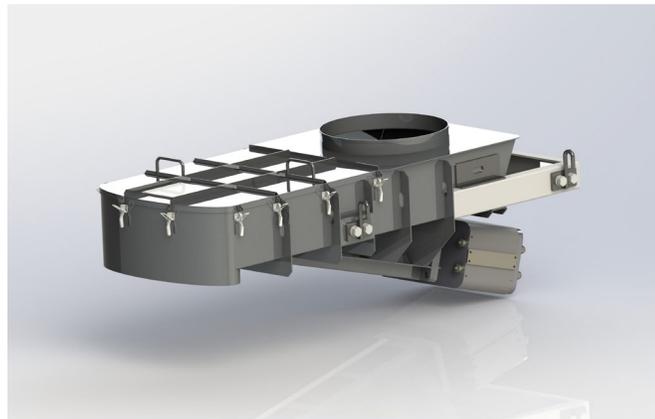
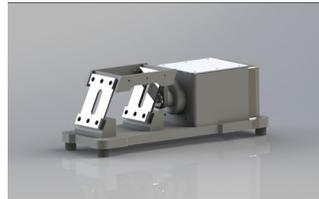
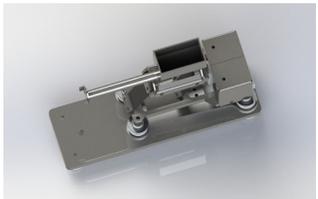
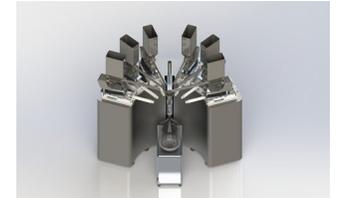
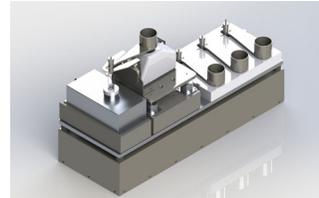
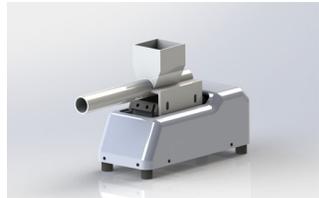
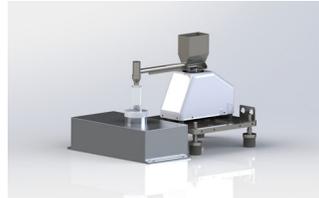
FOCUSED ON LOSS-FREE FEEDING AND HIGH-PRECISION WEIGHING TECHNOLOGIES, WE ARE COMMITTED TO PROVIDING STABLE AND CONTROLLABLE FEEDING AND WEIGHING SOLUTIONS FOR MICRO-DOSE, HIGH-VALUE, AND COMPLEX MATERIALS.

WUXI RATTLESNAKE INDUSTRIAL TECHNOLOGY CO., LTD.

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LOSS-FREE FEEDING AND WEIGHING EQUIPMENT SERIES



## OVERALL LOSS-FREE WEIGHING SOLUTION

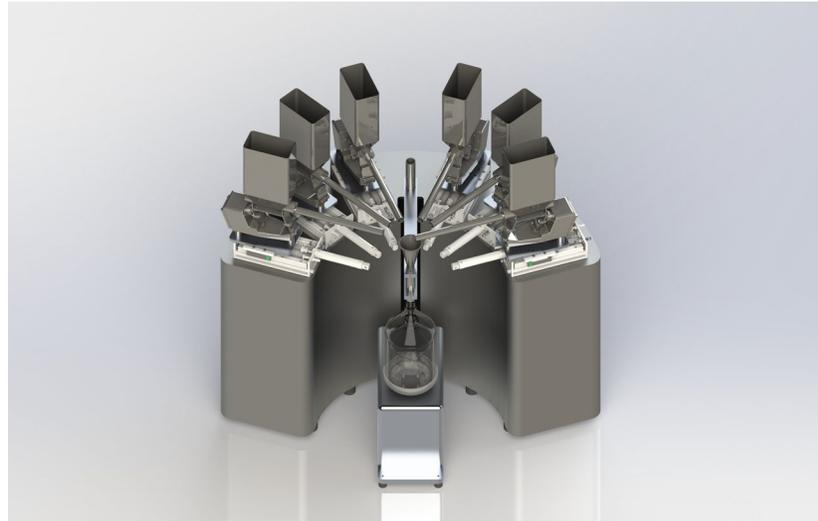


CORE VALUE OF THE SOLUTION:

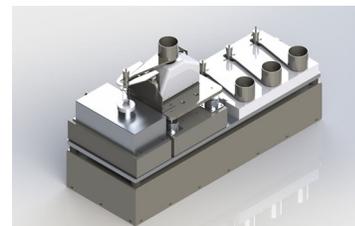
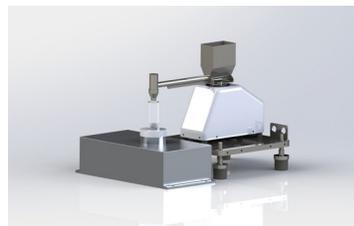
PRECISE WEIGHING

STABLE FEEDING

SYSTEM-LEVEL INTEGRATION

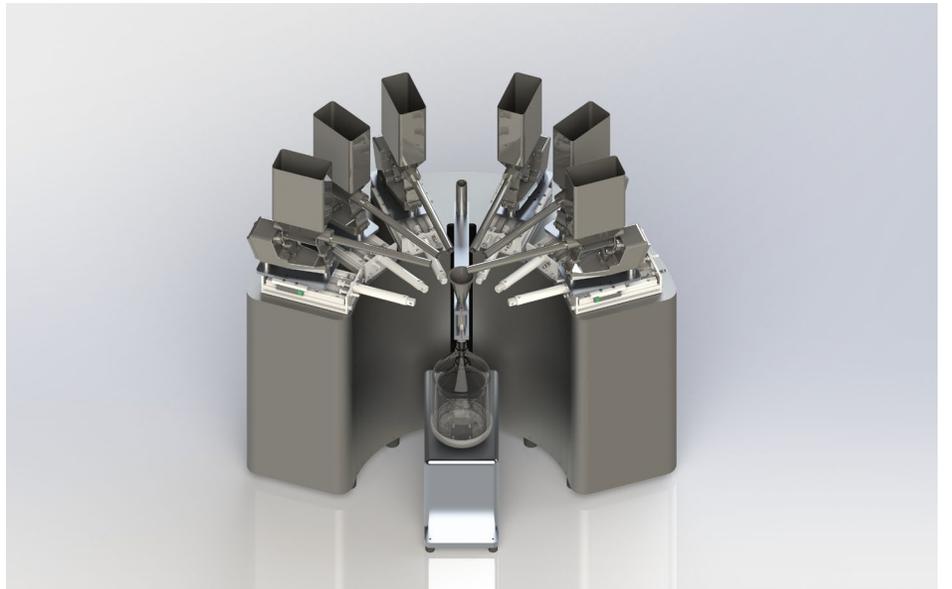
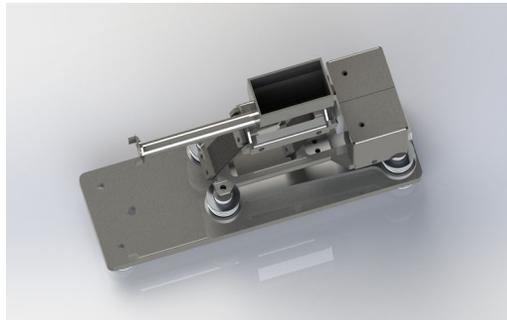
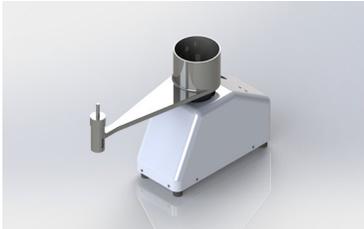
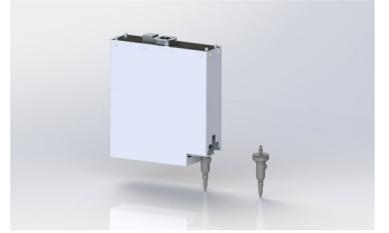
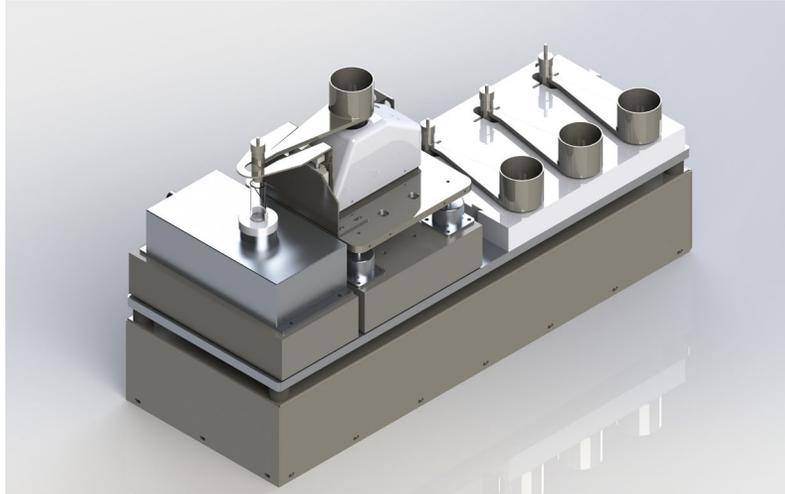


BY COMBINING CONSTANT-AMPLITUDE ELECTROMAGNETIC FEEDING WITH ADAPTIVE CONTROL ALGORITHMS AND ELECTROMAGNETIC CONTROLLERS, LOSS-FREE CONTROL IS ACHIEVED THROUGHOUT THE ENTIRE PROCESS FROM WEIGHING TO MATERIAL DOSING.



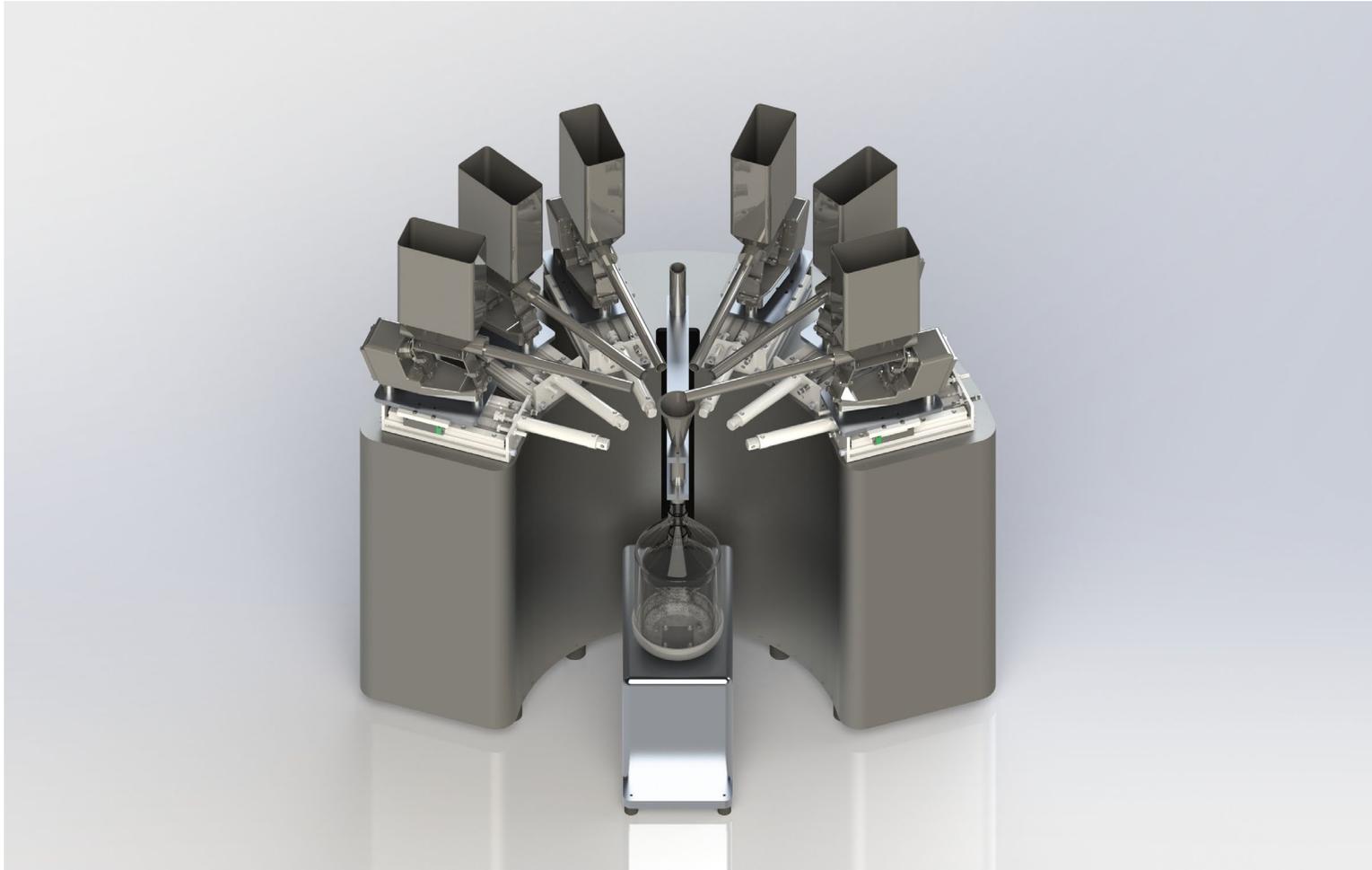
## ZSYDCC-W FEEDING AND WEIGHING EQUIPMENT FOR MICRO-DOSE AND HIGH-VALUE MATERIALS

ZSYDCC-W FEEDING AND WEIGHING EQUIPMENT FOR MICRO-DOSE AND HIGH-VALUE MATERIALS, DESIGNED FOR ULTRA-LOW DOSING APPLICATIONS, CAPABLE OF ACHIEVING STABLE WEIGHING ACCURACY IN THE MICROGRAM-TO-MILLIGRAM RANGE.



## ZSYDCC-ZL HIGH-PRECISION INCREMENTAL ADAPTIVE ELECTROMAGNETIC WEIGHER

ZSYDCC-ZL HIGH-PRECISION INCREMENTAL ADAPTIVE ELECTROMAGNETIC WEIGHER, DESIGNED FOR BATCH INCREMENTAL WEIGHING APPLICATIONS, CAPABLE OF ACHIEVING STABLE AND CONTROLLABLE HIGH-PRECISION MATERIAL WEIGHING FROM THE MICROGRAM TO GRAM RANGE.



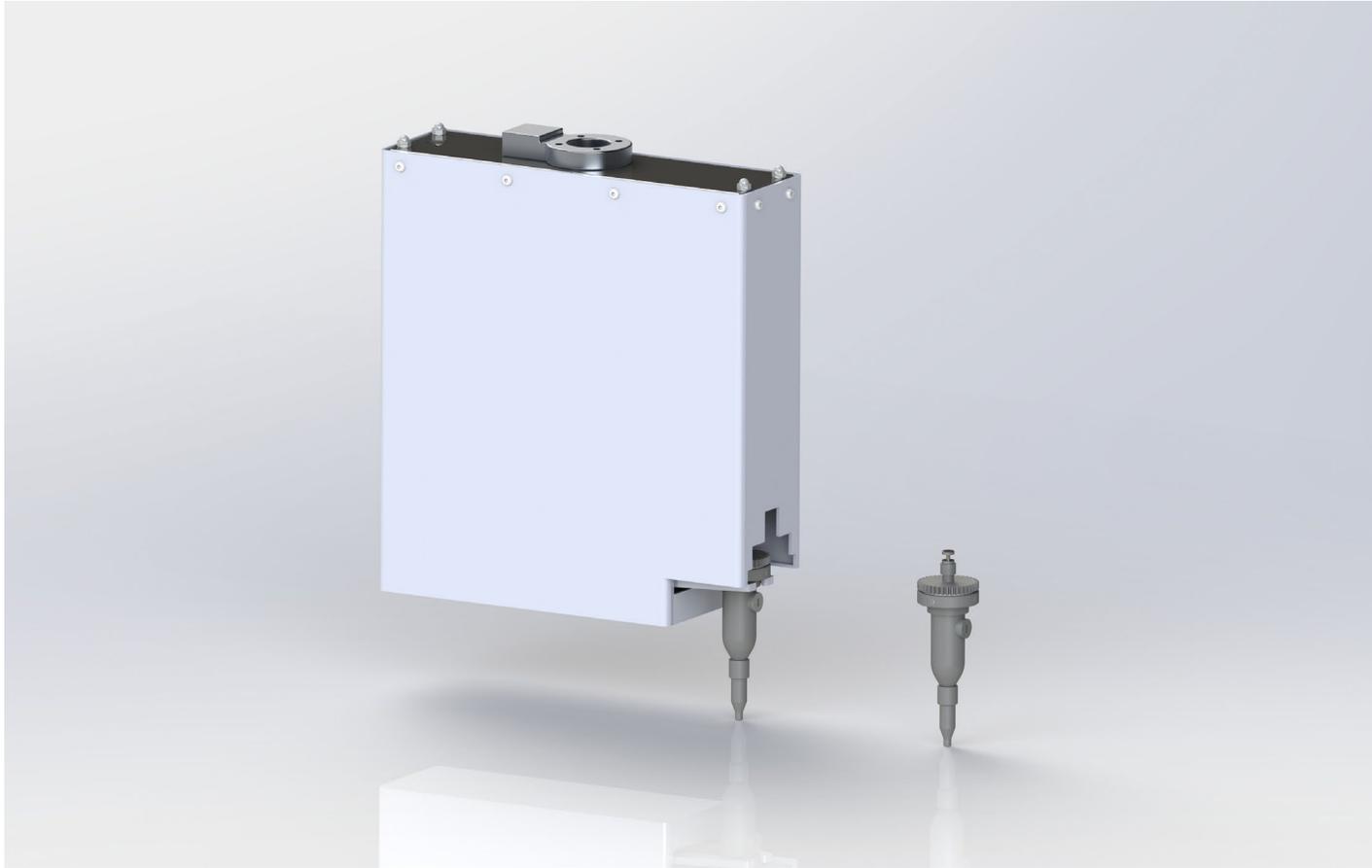
ZSYDCC HIGH-PRECISION ADAPTIVE ELECTROMAGNETIC LOSS-IN-WEIGHT WEIGHER

ZSYDCC HIGH-PRECISION ADAPTIVE ELECTROMAGNETIC LOSS-IN-WEIGHT WEIGHER, DESIGNED FOR BATCH AND CONTINUOUS WEIGHING APPLICATIONS, CAPABLE OF ACHIEVING STABLE AND CONTROLLABLE GRAM-LEVEL WEIGHING ACCURACY.



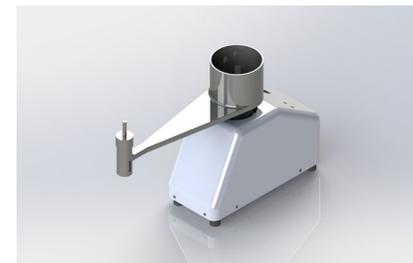
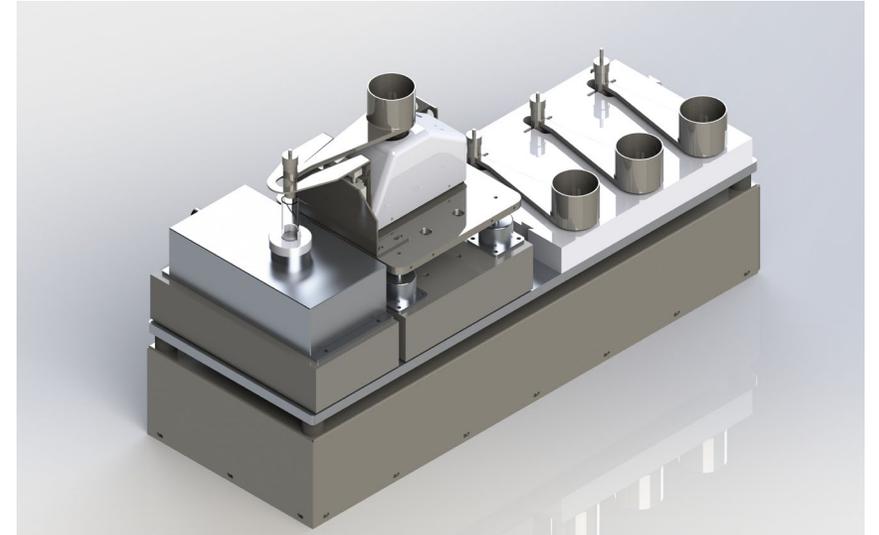
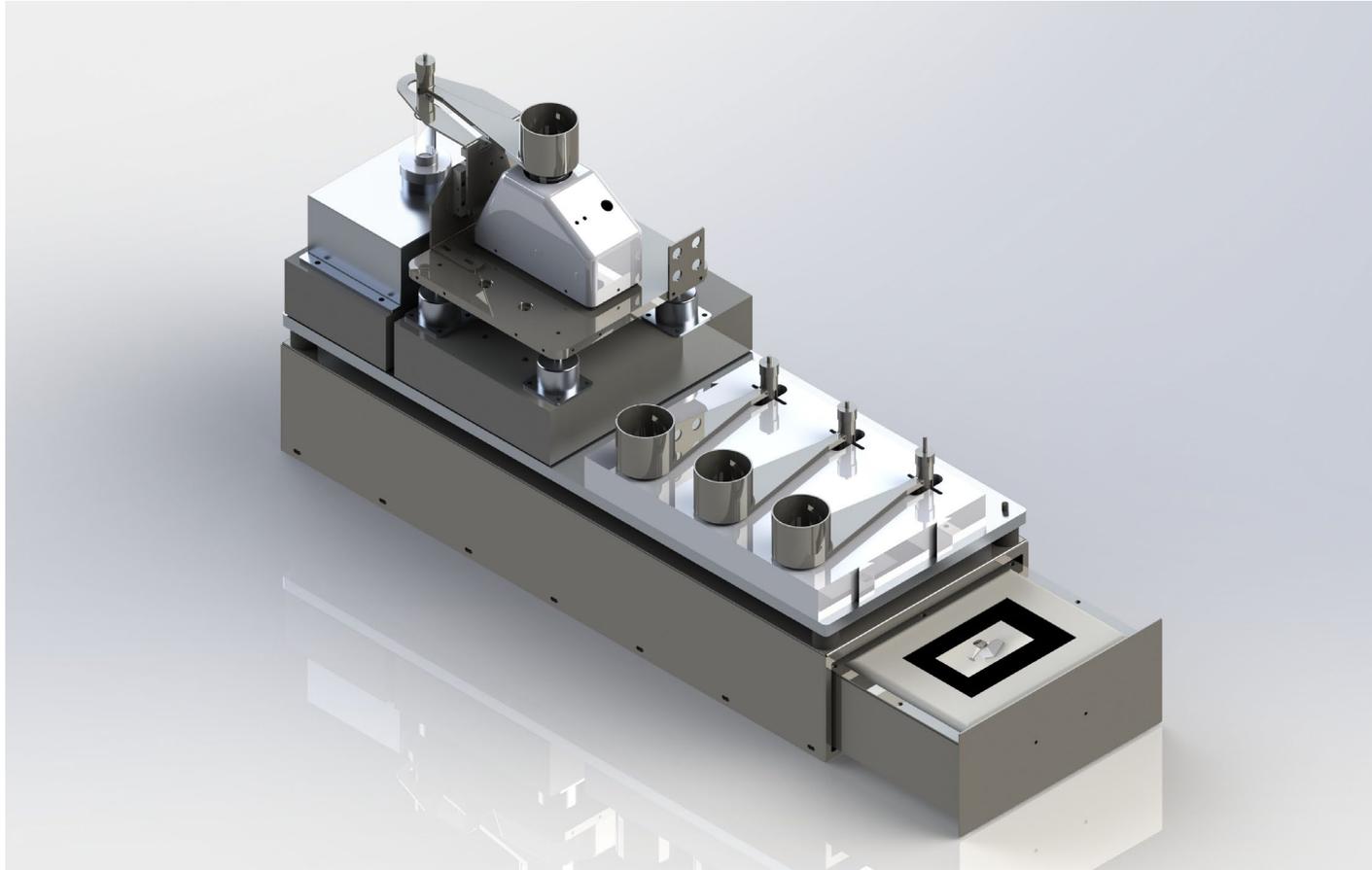
## ZSYDCC-GTL-LX HIGH-THROUGHPUT DOSING AND WEIGHING EQUIPMENT

ZSYDCC-GTL-LX HIGH-THROUGHPUT DOSING AND WEIGHING EQUIPMENT, FEATURING A QUICK-CHANGE DOSING UNIT AND DESIGNED FOR MULTI-CHANNEL AND MULTI-BATCH APPLICATIONS, CAPABLE OF SIGNIFICANTLY IMPROVING DOSING EFFICIENCY AND SYSTEM THROUGHPUT WHILE MAINTAINING MILLIGRAM-LEVEL WEIGHING ACCURACY.



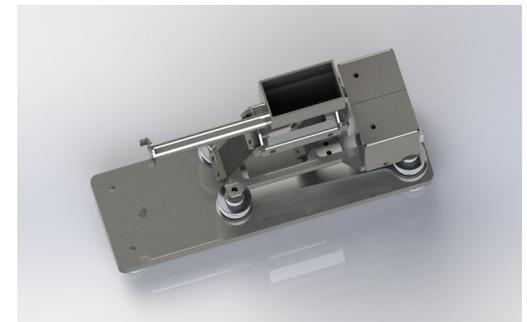
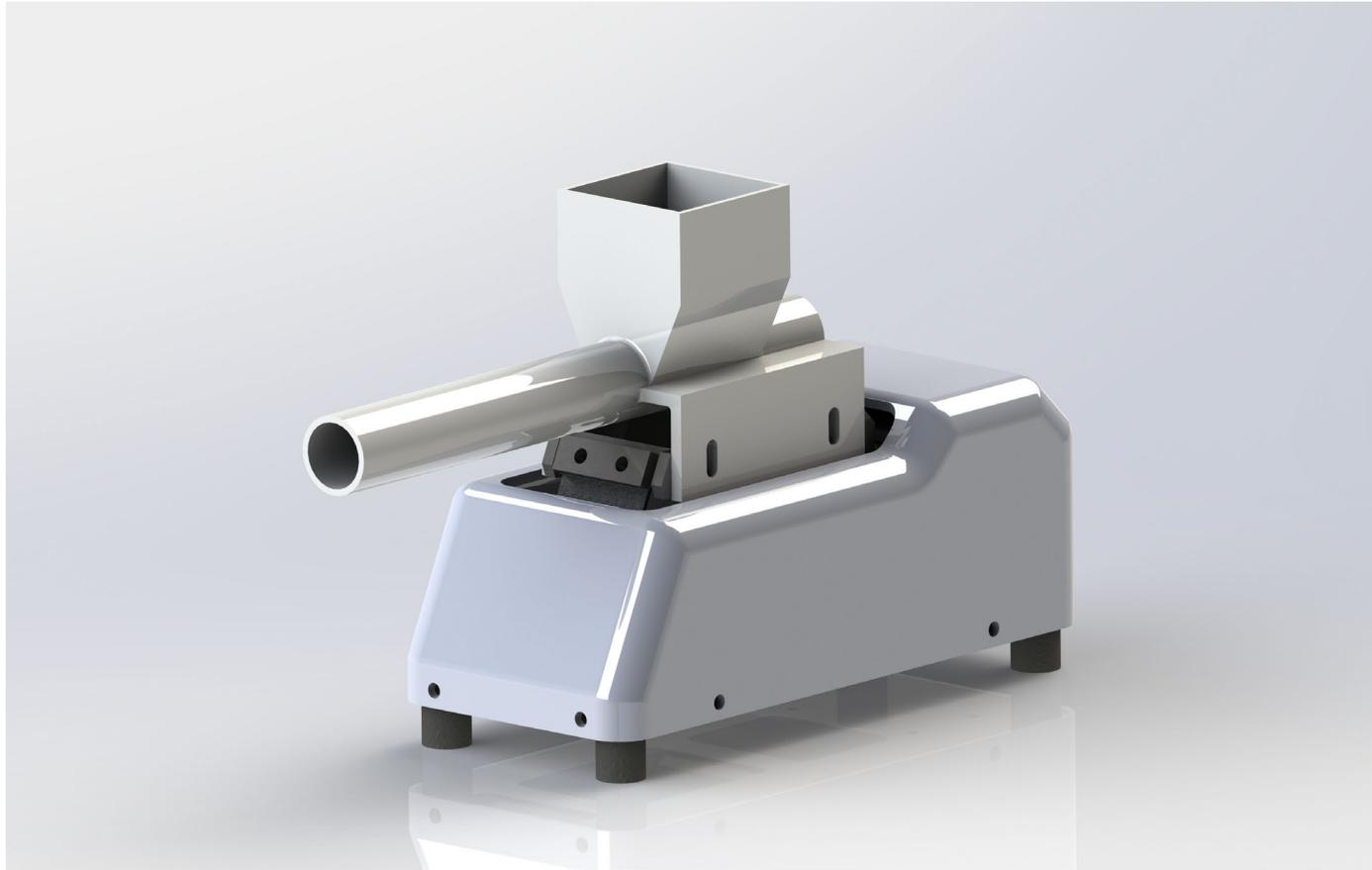
## ZSYDCC-GTL-DC HIGH-THROUGHPUT DOSING AND WEIGHING EQUIPMENT

ZSYDCC-GTL-DC HIGH-THROUGHPUT DOSING AND WEIGHING EQUIPMENT, FEATURING A QUICK-CHANGE HOPPER AND DESIGNED FOR MULTI-CHANNEL AND MULTI-BATCH APPLICATIONS, CAPABLE OF SIGNIFICANTLY IMPROVING DOSING EFFICIENCY AND SYSTEM THROUGHPUT WHILE MAINTAINING MICROGRAM-LEVEL WEIGHING ACCURACY.



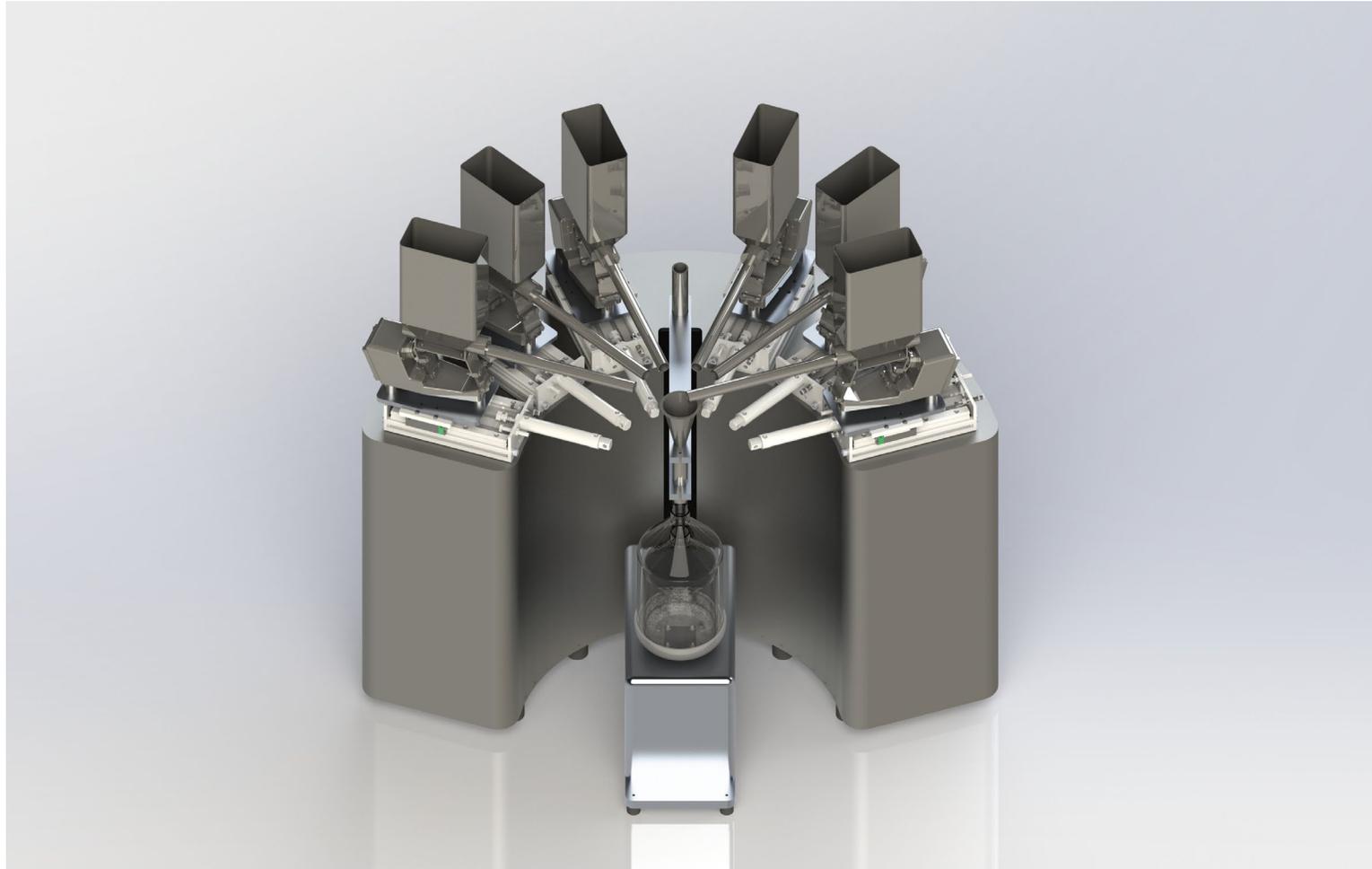
ZSYDCC-DZF-XF HIGH-LINEARITY FEEDING AND WEIGHING EQUIPMENT FOR ADHESIVE AND VISCOUS MATERIALS

ZSYDCC-DZF-XF HIGH-LINEARITY FEEDING EQUIPMENT FOR ADHESIVE AND VISCOUS MATERIALS, WHICH, WHEN COMBINED WITH AN ADAPTIVE ELECTROMAGNETIC CONTROLLER, CAN BE CONFIGURED INTO A MILLIGRAM-LEVEL HIGH-PRECISION LOSS-IN-WEIGHT WEIGHING SYSTEM AND A MICROGRAM-LEVEL INCREMENTAL WEIGHING SYSTEM.



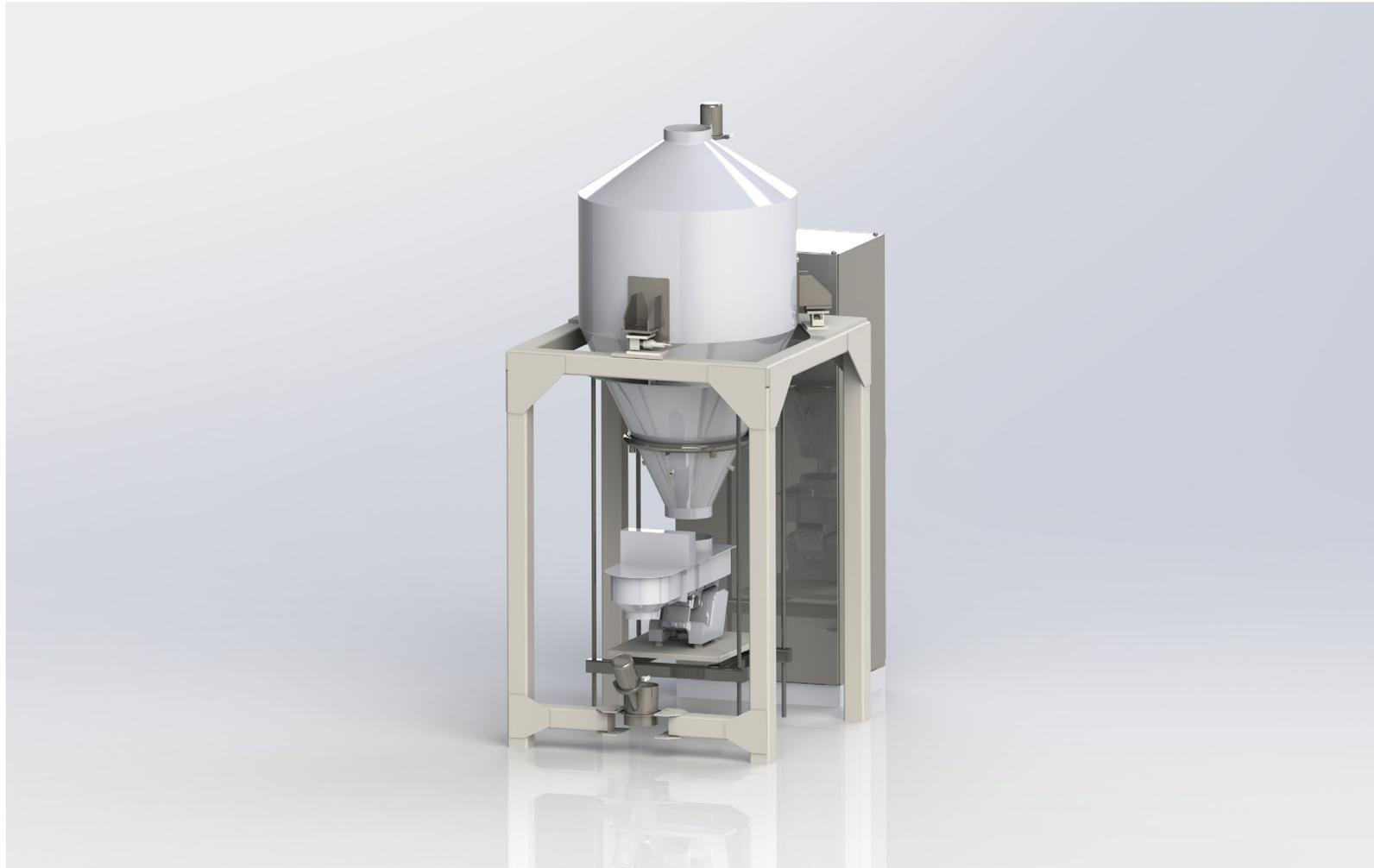
ZSYDCC-KY HIGH-PRECISION WIDE-RANGE INCREMENTAL ADAPTIVE ELECTROMAGNETIC WEIGHER

ZSYDCC-KY HIGH-PRECISION WIDE-RANGE INCREMENTAL ADAPTIVE ELECTROMAGNETIC WEIGHER, DESIGNED FOR APPLICATIONS WITH WIDE WEIGHING RANGE VARIATIONS, CAPABLE OF MAINTAINING STABLE AND CONTROLLABLE MILLIGRAM-LEVEL HIGH-PRECISION WEIGHING PERFORMANCE ACROSS DIFFERENT DOSING RANGES FROM MILLIGRAMS TO KILOGRAMS.



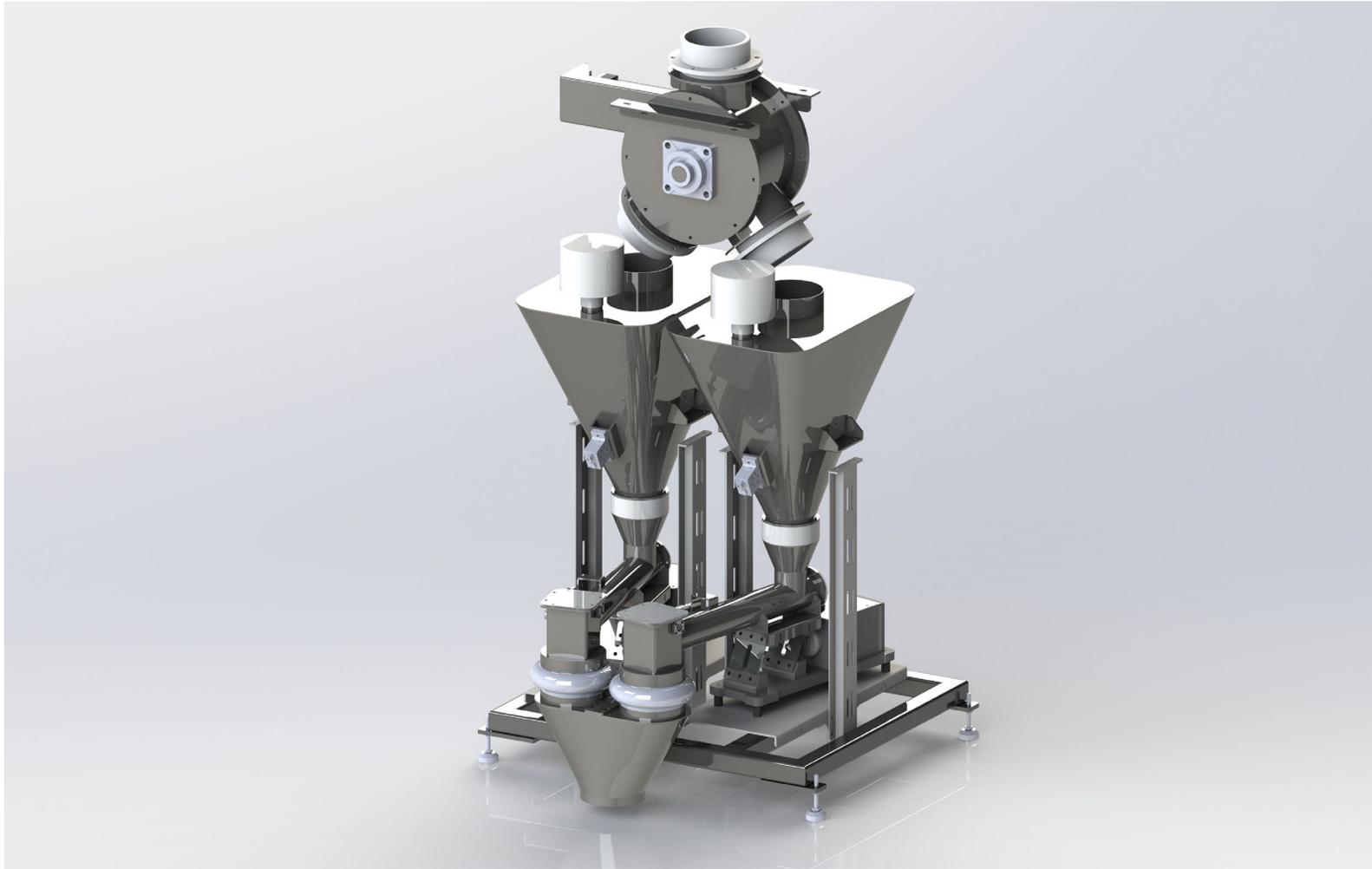
ZSYDCC-CT HIGH-PRECISION EXPLOSION-PROOF ADAPTIVE ELECTROMAGNETIC WEIGHER

ZSYDCC-CT HIGH-PRECISION EXPLOSION-PROOF ADAPTIVE ELECTROMAGNETIC INCREMENTAL AND LOSS-IN-WEIGHT WEIGHER, DESIGNED FOR BATCH AND CONTINUOUS WEIGHING APPLICATIONS, CAPABLE OF ACHIEVING STABLE AND CONTROLLABLE WEIGHING ACCURACY IN THE MILLIGRAM-TO-GRAM RANGE.



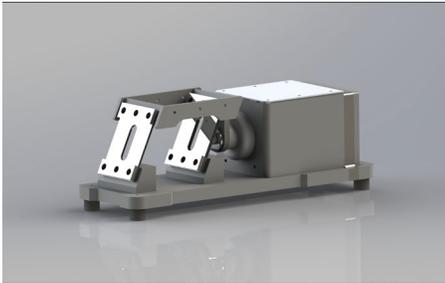
## ZSYDCC-SZZ HIGH-PRECISION GEMINI ADAPTIVE ELECTROMAGNETIC WEIGHER

ZSYDCC-SZZ HIGH-PRECISION GEMINI ADAPTIVE ELECTROMAGNETIC LOSS-IN-WEIGHT WEIGHER, INCORPORATING A GRADUAL LOAD TRANSFER MECHANISM AND TOTAL MASS CONTROL STRATEGY. IT IS DESIGNED FOR CONTINUOUS FEEDING AS WELL AS BATCH AND CONTINUOUS WEIGHING APPLICATIONS, ENABLING STABLE AND CONTROLLABLE GRAM-LEVEL WEIGHING ACCURACY.



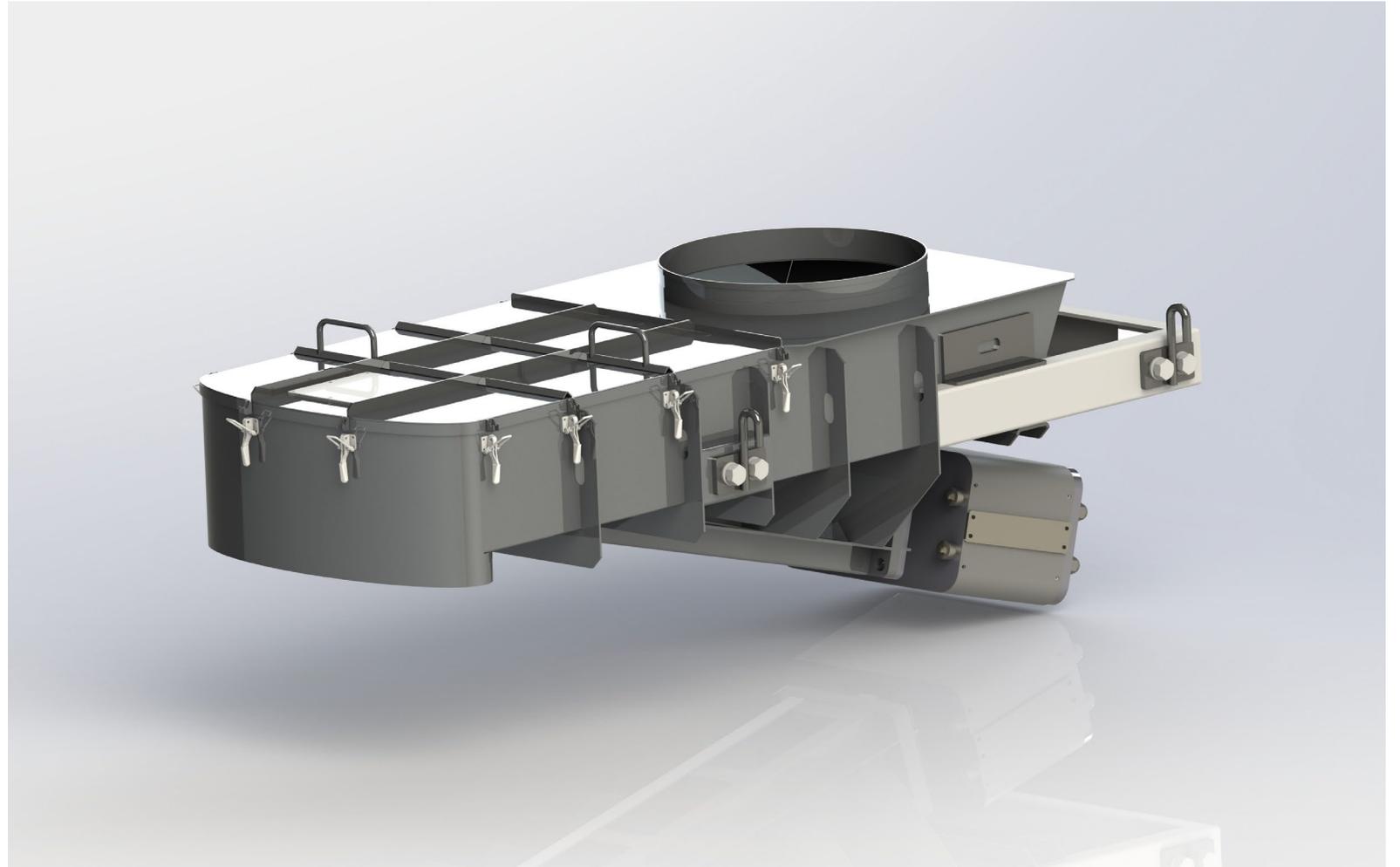
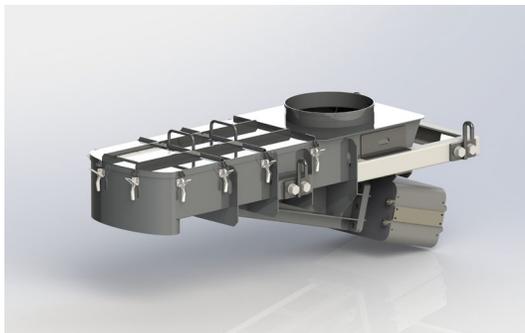
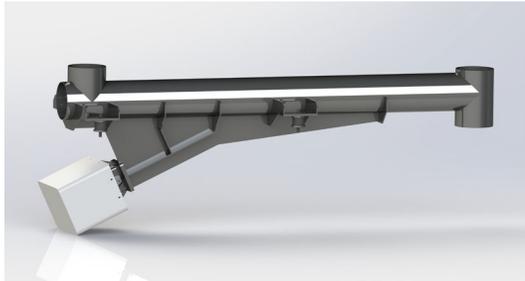
## DZF20-95 HIGH-LINEARITY CONSTANT-AMPLITUDE ELECTROMAGNETIC FEEDER SERIES

DZF20-95 HIGH-LINEARITY CONSTANT-AMPLITUDE ELECTROMAGNETIC FEEDER SERIES, BASED ON A STABLE CONSTANT-AMPLITUDE EXCITATION DESIGN, ENABLING CONTINUOUS AND LINEAR FEEDING OF SMALL- TO MEDIUM-THROUGHPUT MATERIALS WITH MILLIGRAM-TO-GRAM-LEVEL ACCURACY UNDER DIFFERENT SPECIFICATIONS AND LOAD CONDITIONS.



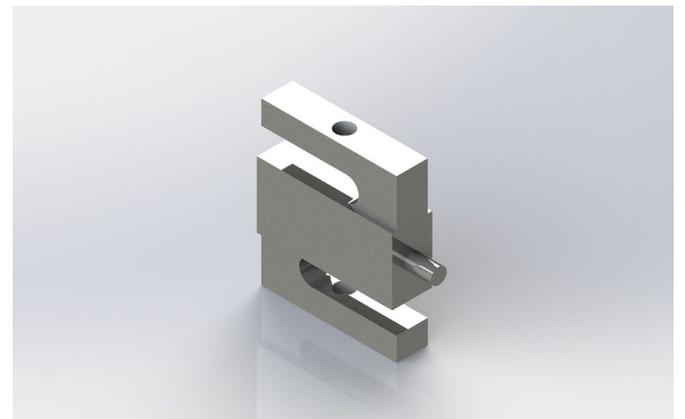
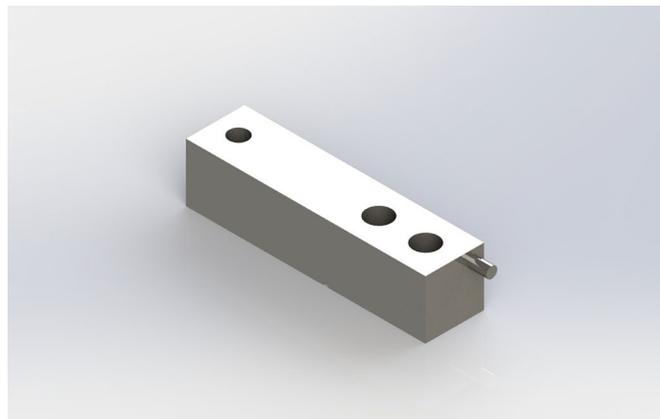
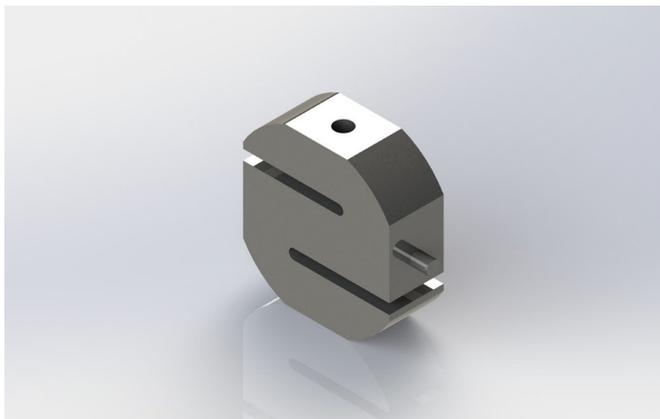
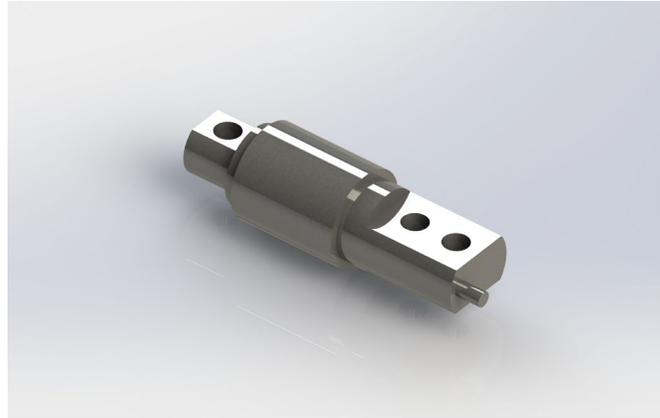
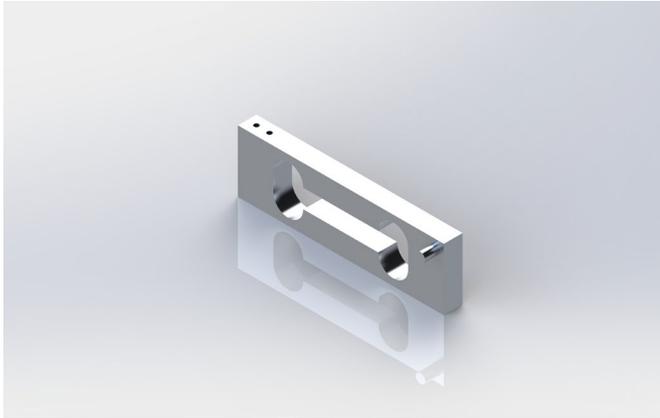
## DZF-GX-1900-5000 HIGH-LINEARITY HIGH-EFFICIENCY CONSTANT-AMPLITUDE ELECTROMAGNETIC FEEDER SERIES

DZF-GX-1900-5000 HIGH-LINEARITY, HIGH-EFFICIENCY CONSTANT-AMPLITUDE ELECTROMAGNETIC FEEDER SERIES, BASED ON A STABLE CONSTANT-AMPLITUDE EXCITATION DESIGN, ENABLING CONTINUOUS AND LINEAR FEEDING OF MEDIUM- TO LARGE-THROUGHPUT MATERIALS WITH GRAM-LEVEL ACCURACY UNDER DIFFERENT SPECIFICATIONS AND LOAD CONDITIONS.



## HIGH-PRECISION WEIGHING SENSOR SERIES

LOW-CREEP, LOW-TEMPERATURE-DRIFT, HIGH-LINEARITY, AND HIGH-REPEATABILITY WEIGHING SENSORS, PROVIDING A LONG-TERM STABLE DATA FOUNDATION FOR ADAPTIVE ELECTROMAGNETIC WEIGHING SYSTEMS.



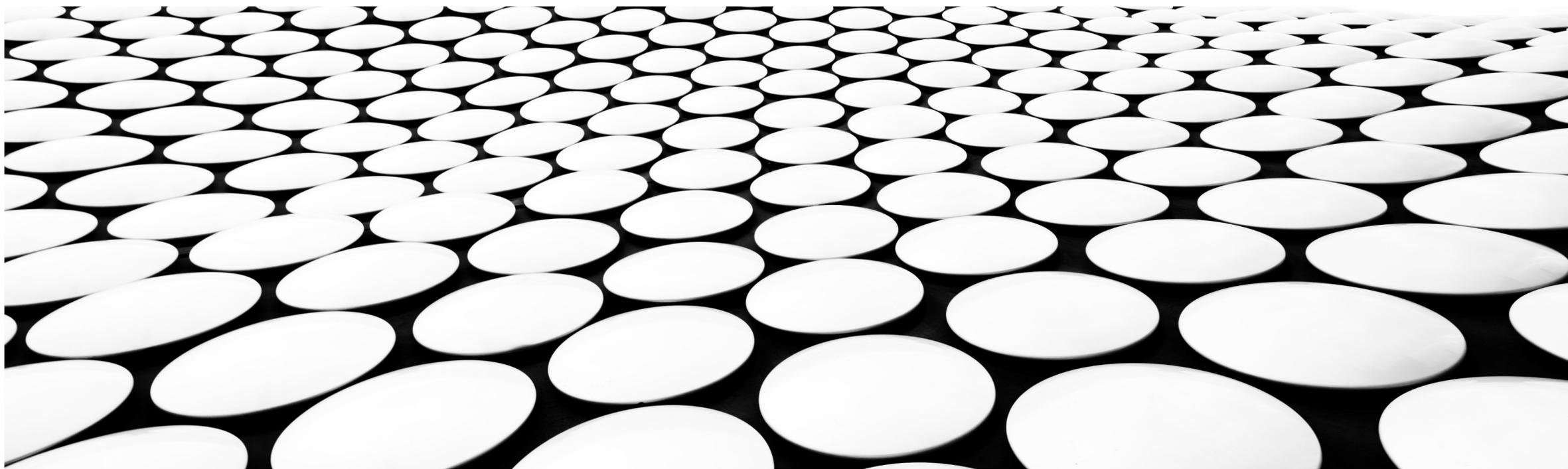


# 无损输送计量系列产品选型手册-2026

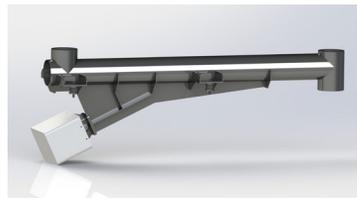
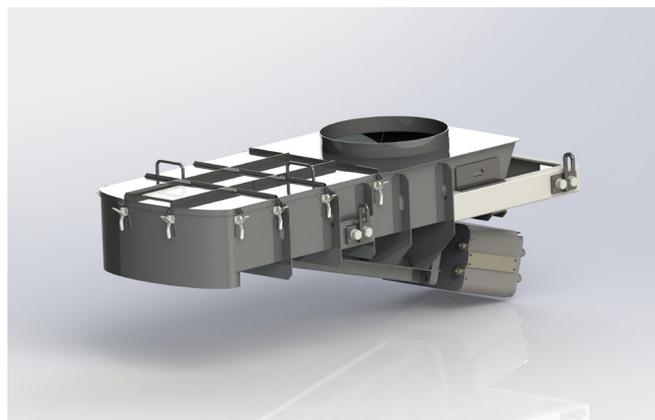
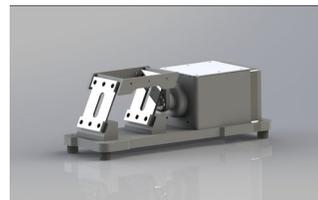
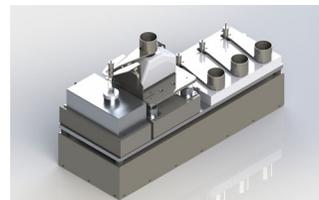
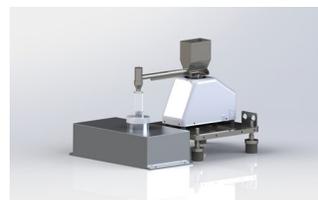
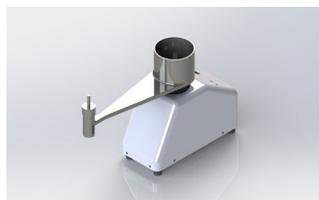
专注于无损输送与高精度计量技术，致力于为微量、高价值及复杂物料提供稳定、可控的输送计量解决方案

无锡响尾蛇工业科技有限公司

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# 无损输送计量设备系列

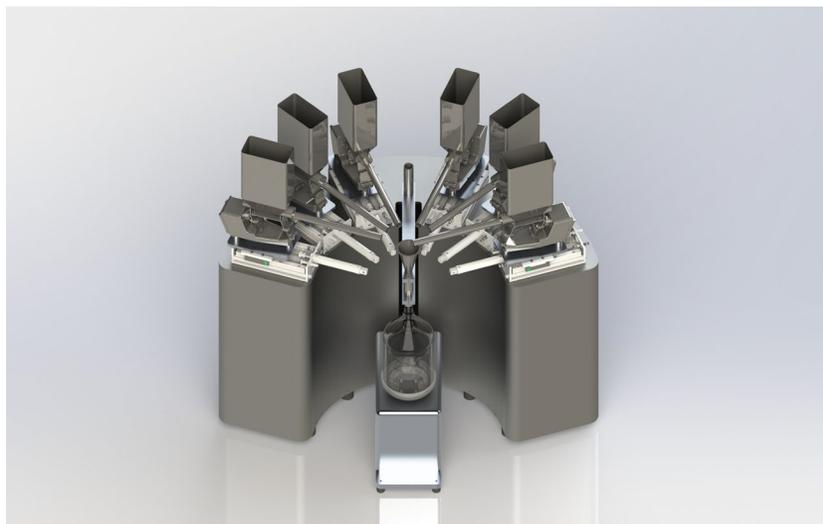




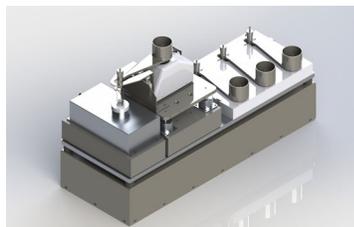
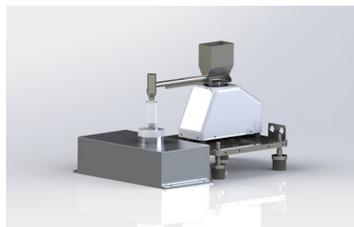
# 无损计量整体解决方案

解决方案核心价值：

- 精准计量
- 稳定输送
- 系统级集成



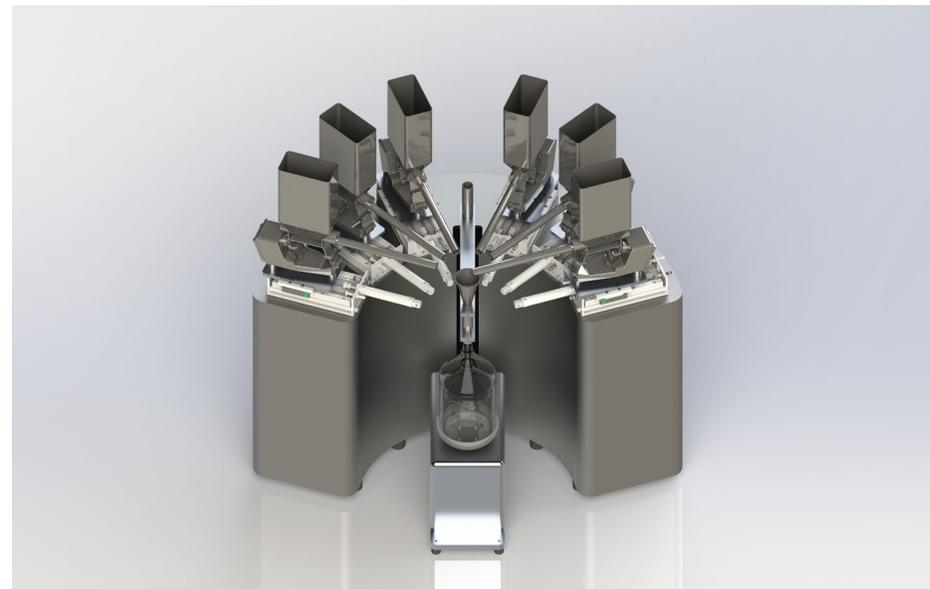
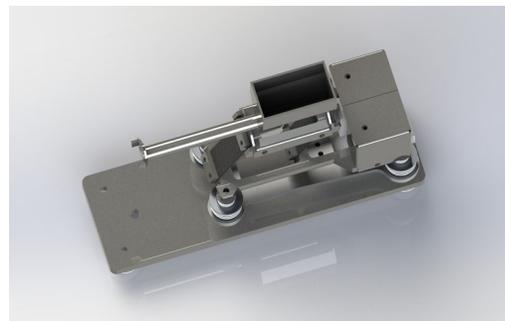
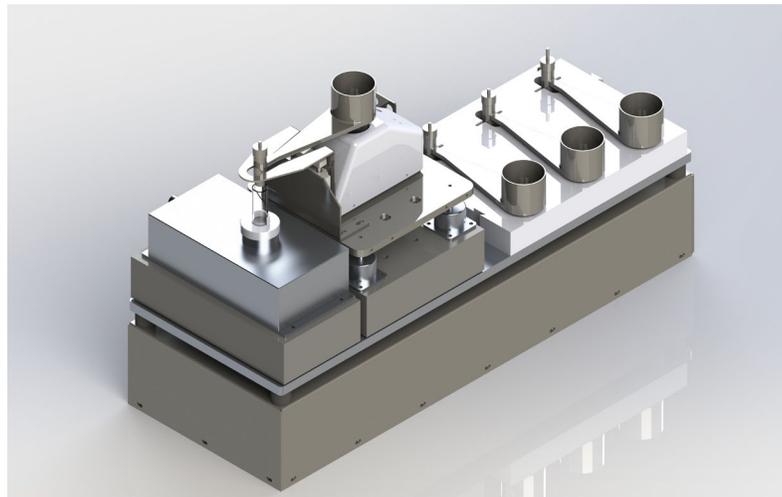
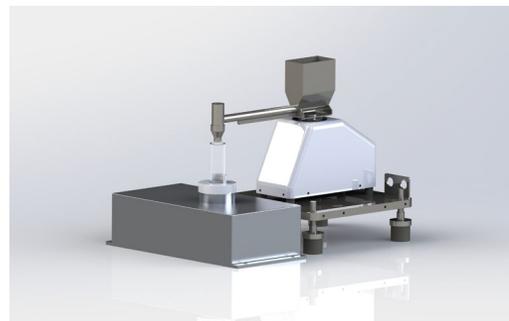
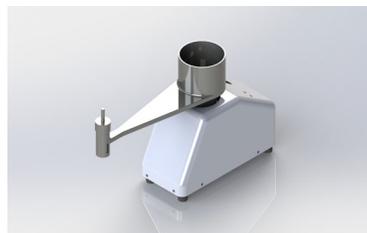
通过等振幅电磁给料、自适应控制算法电磁控制器，实现物料从计量到投料的全流程无损控制。





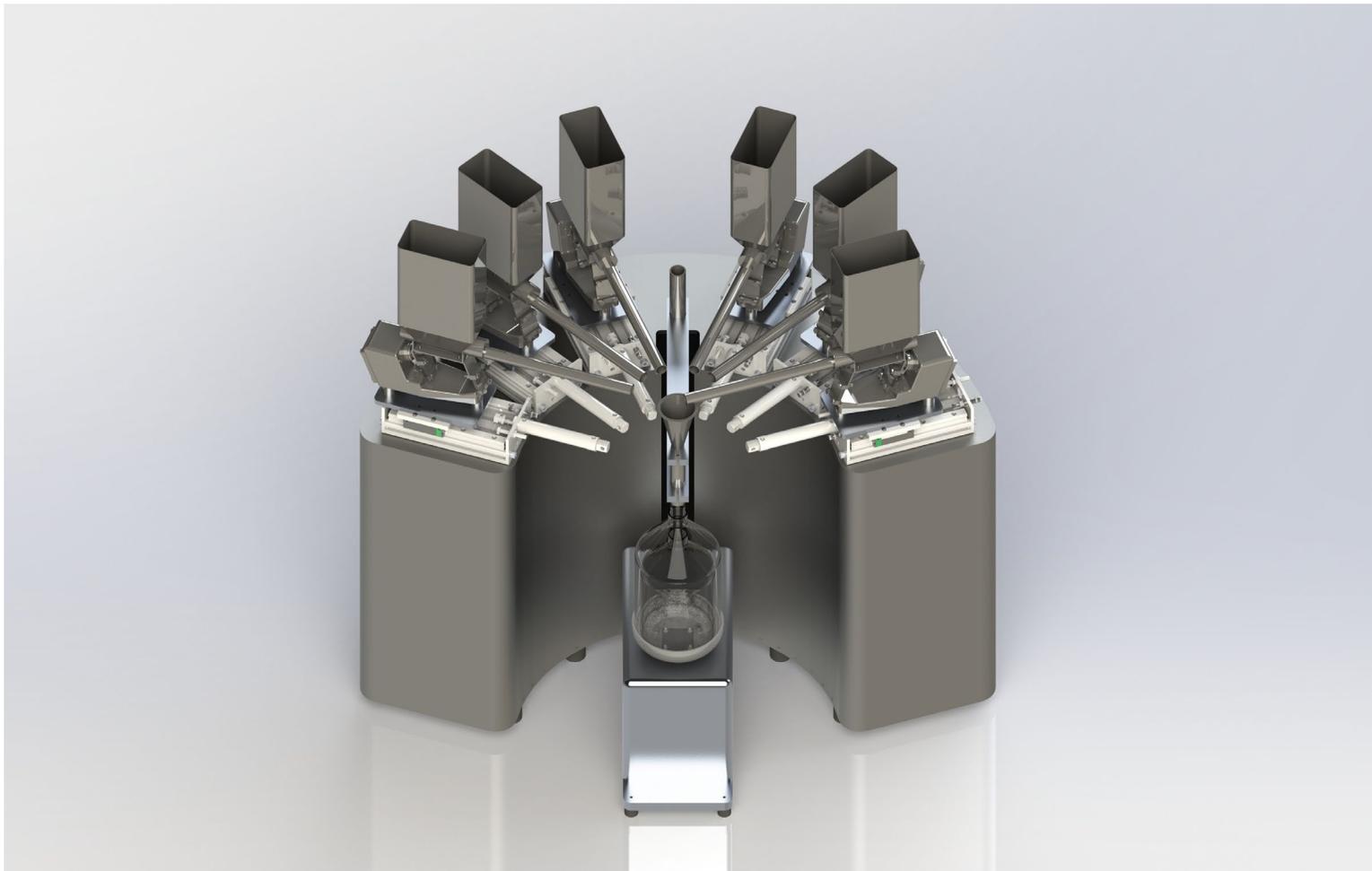
# 微量 / 高价值物料输送计量设备ZSYDCC-W

ZSYDCC-W 微量 / 高价值物料输送计量设备，面向极低投加量工况设计，可实现微克-毫克级的稳定计量精度



# 高精度增量自适应电磁秤ZSYDCC-ZL

ZSYDCC-ZL 高精度增量自适应电磁秤，面向批次增量计量工况设计，可实现稳定、可控的微克-克级高精度物料计量



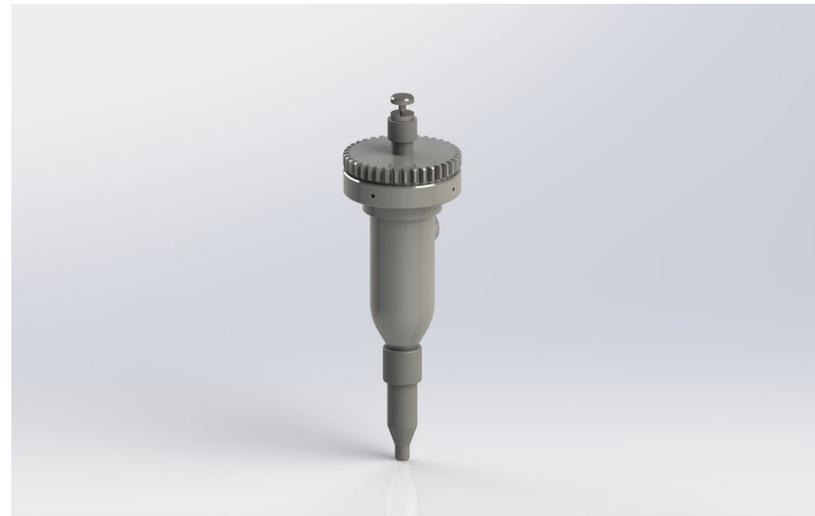
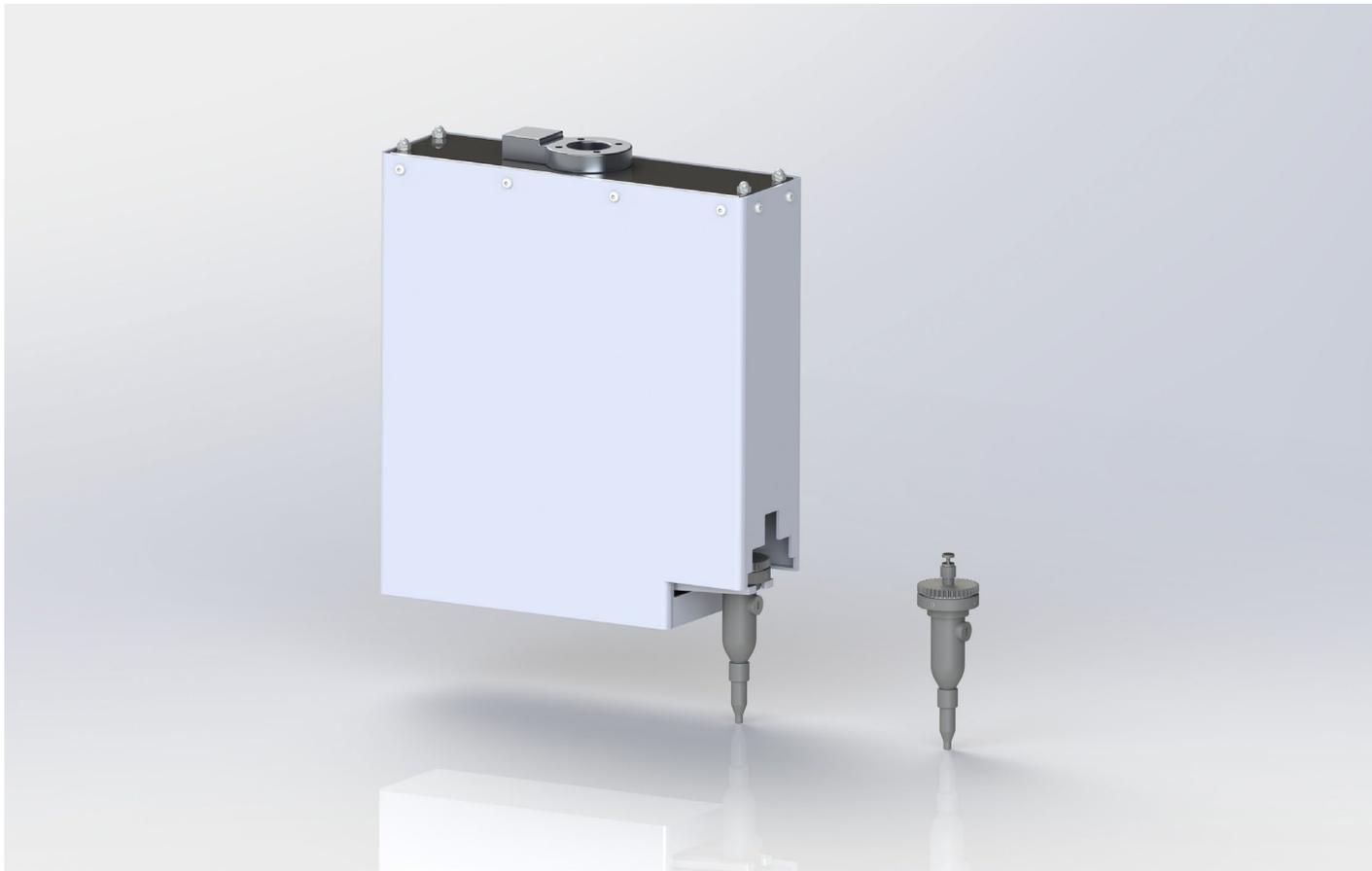
# 高精度自适应电磁失重秤ZSYDCC

ZSYDCC 高精度自适应电磁失重秤，面向批次、连续计量工况设计，可实现稳定、可控的克级计量精度



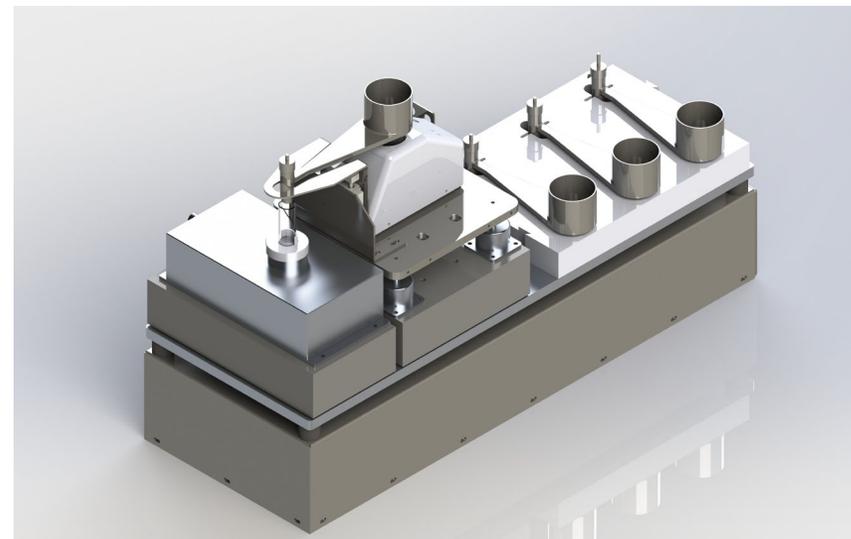
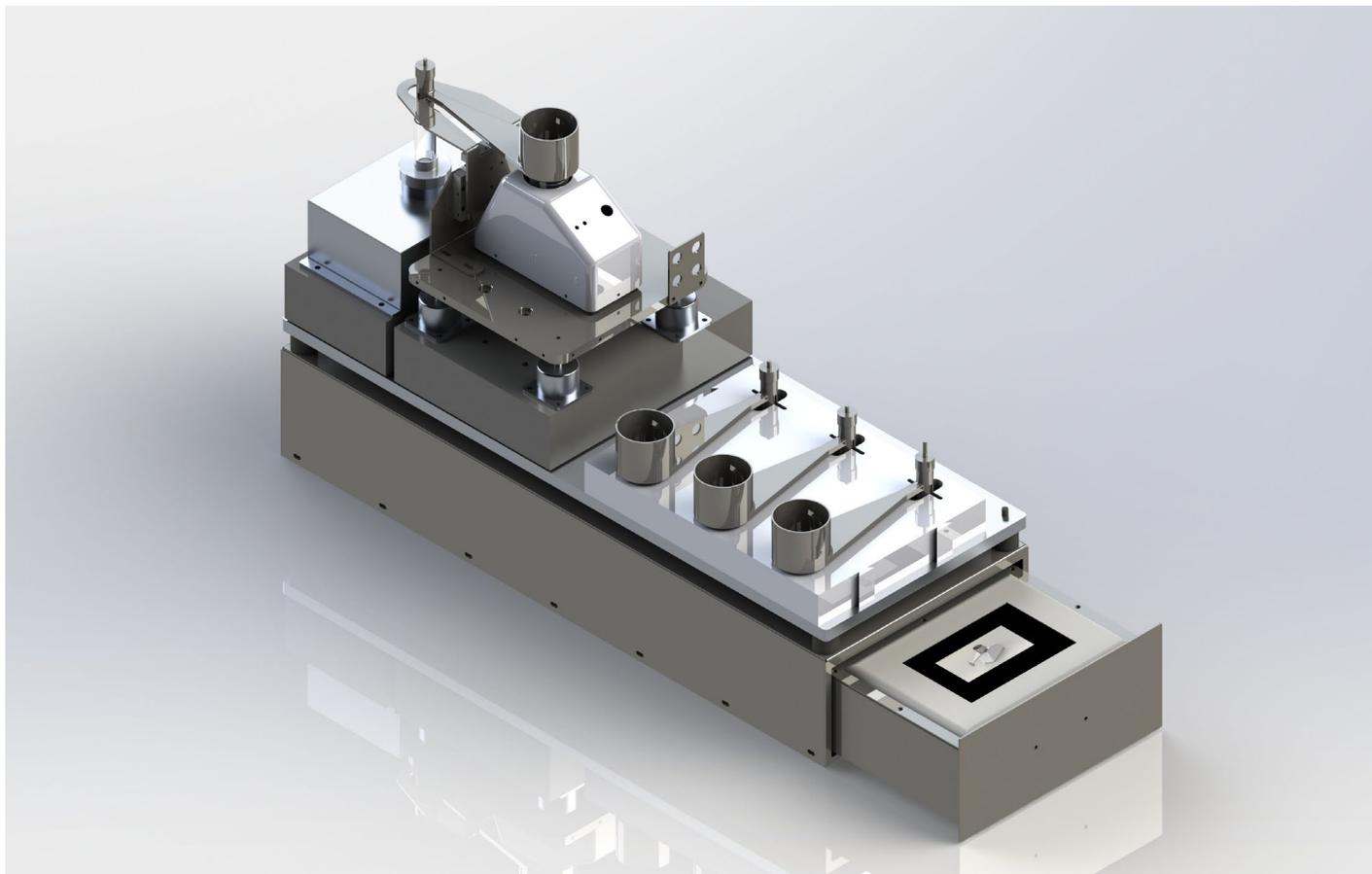
# 高通量加样/计量设备ZSYDCC-GTL-LX

ZSYDCC-GTL-LX 高通量加样/计量设备，快换加样器面向多通道、多批次应用场景设计，可在保证毫克级计量精度的同时显著提升加样效率与系统通量



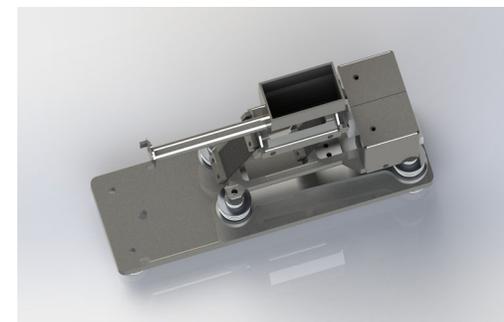
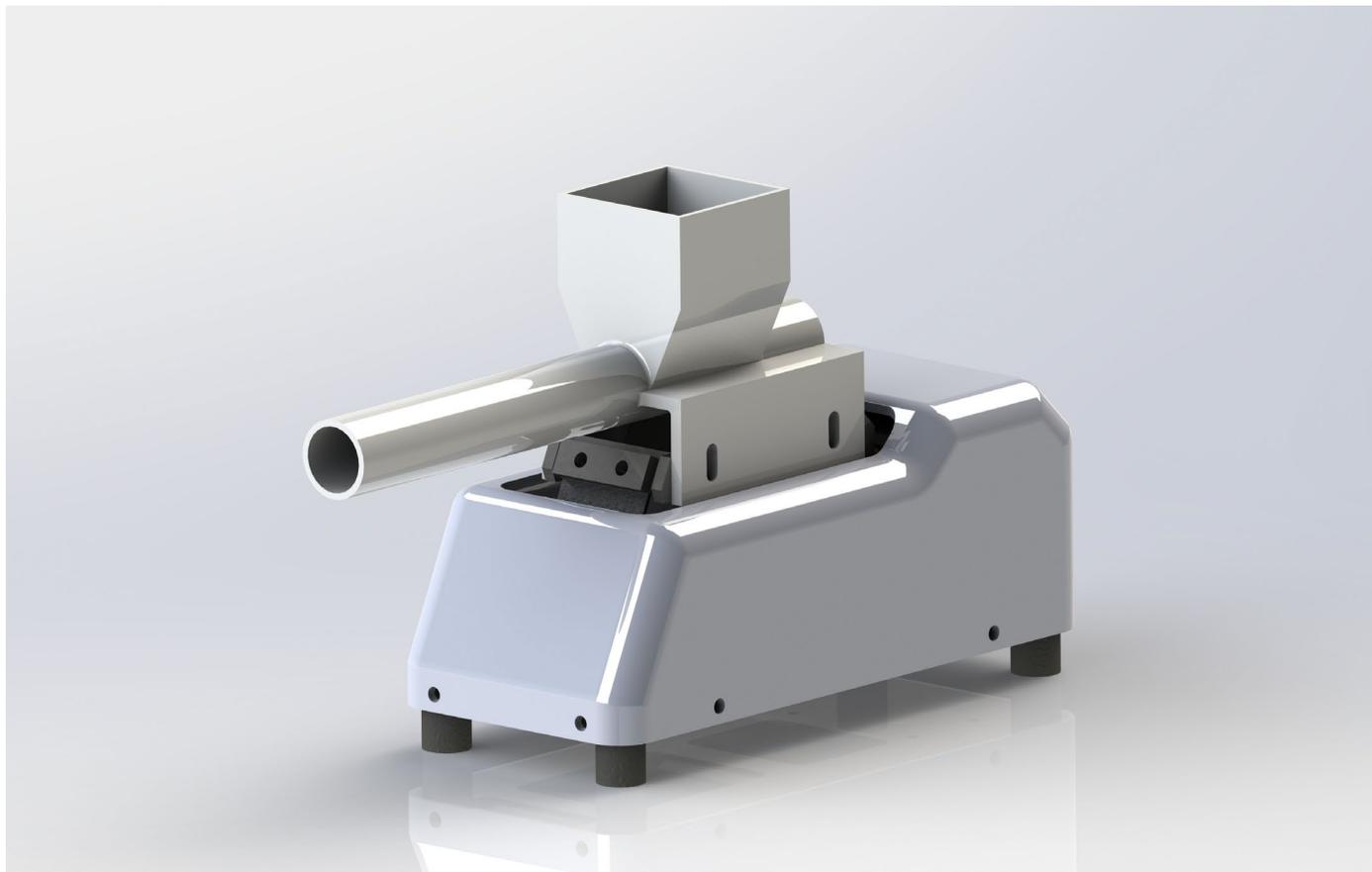
# 高通量加样/计量设备ZSYDCC-GTL-DC

ZSYDCC-GTL-DC 高通量加样/计量设备，快换料槽面向多通道、多批次应用场景设计，可在保证微克级计量精度的同时显著提升加样效率与系统通量



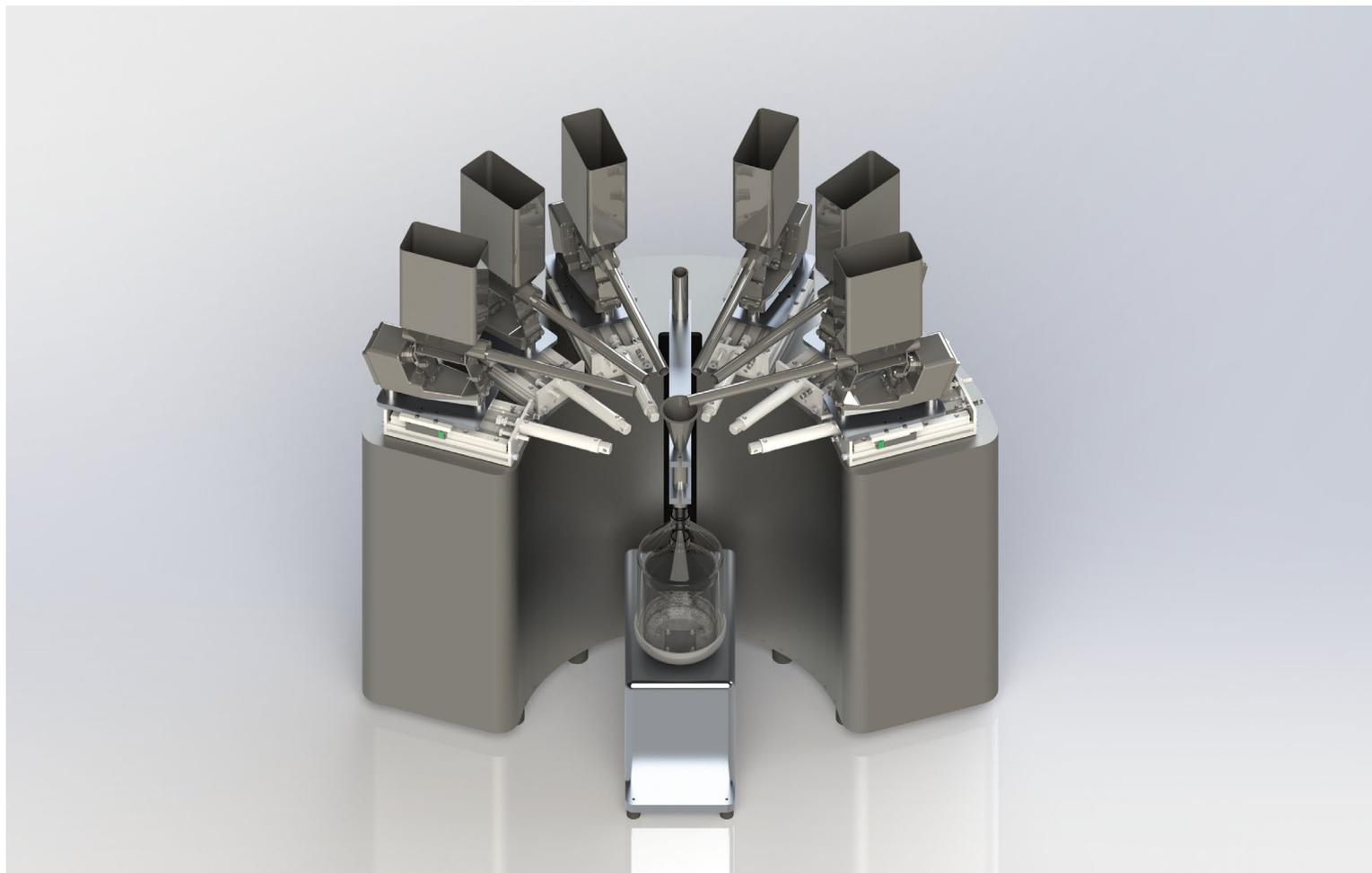
# 吸附性、粘性物料高线性输送/计量设备ZSYDCC-DZF-XF

ZSYDCC-DZF-XF 吸附性、粘性物料高线性输送设备，配合自适应电磁控制器，可构建毫克级高精度失重计量及微克级增量计量系统



# 高精度增量宽域自适应电磁秤ZSYDCC-KY

ZSYDCC-KY 高精度增量宽域自适应电磁秤，面向宽量程变化工况设计，可在毫克-千克级不同给料区间内保持稳定、可控的毫克级高精度计量性能



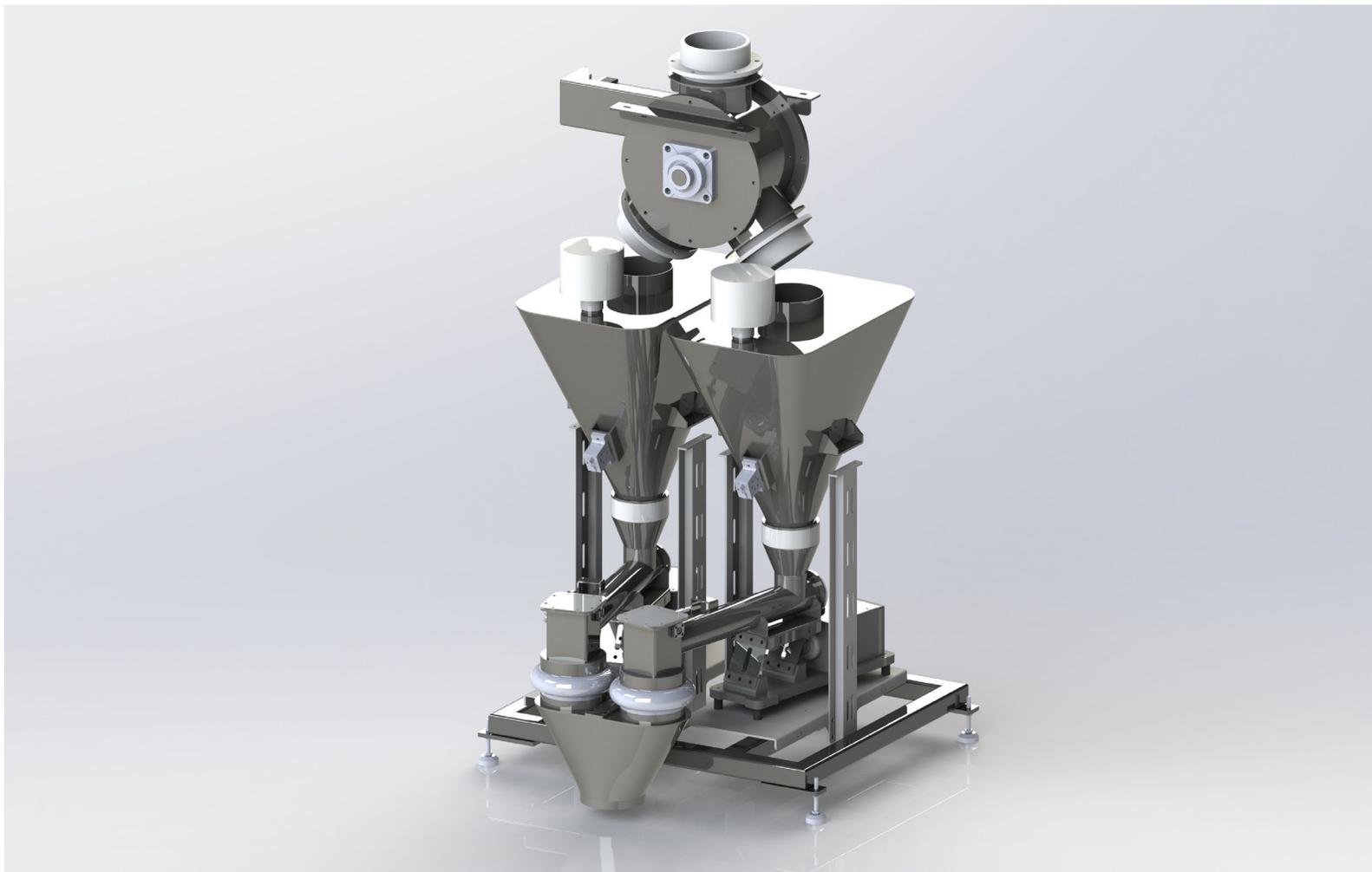
# 高精度防爆自适应电磁秤ZSYDCC-CT

ZSYDCC-CT 高精度防爆自适应电磁增量、失重计量秤，面向批次、连续计量工况设计，可实现稳定、可控的毫克-克级计量精度



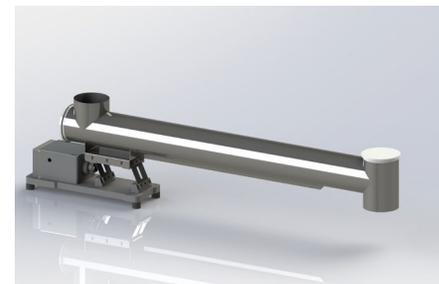
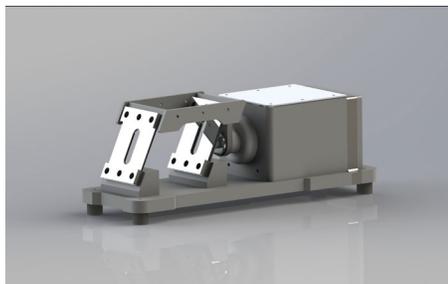
# 高精度双子座自适应电磁秤ZSYDCC-SZZ

ZSYDCC-SZZ 高精度双子座自适应电磁失重秤，采用了渐变负荷转移和总量控制策略，面向连续投料；批次、连续计量工况设计，可实现稳定、可控的克级计量精度



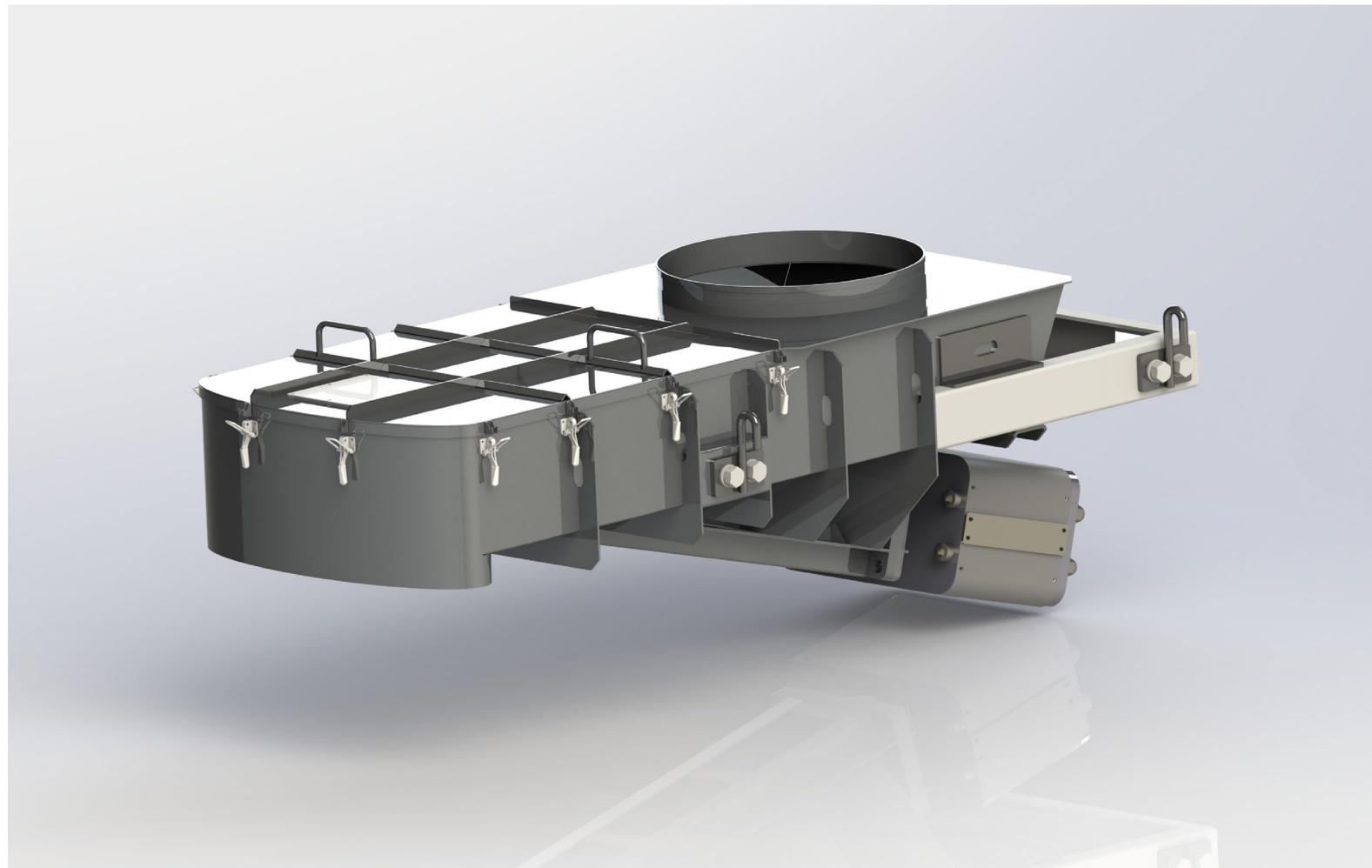
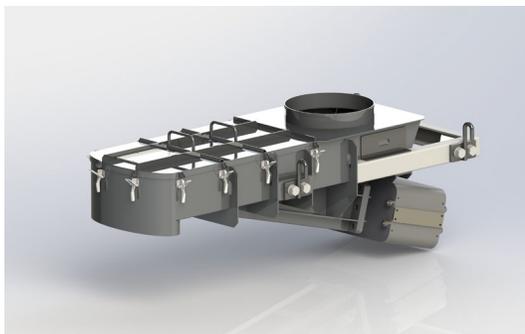
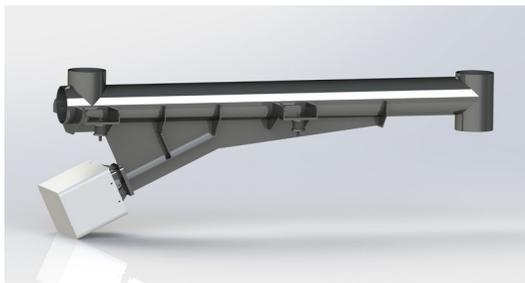
# 高线性等振幅电磁给料机DZF20-95

DZF20-95 高线性等振幅电磁给料机系列，基于等振幅稳定激振设计，可在不同规格与负载条件下实现毫克-克级精度连续、线性的中小流量物料输送



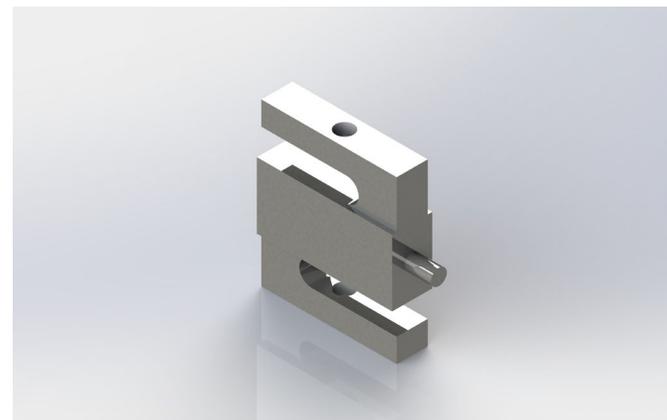
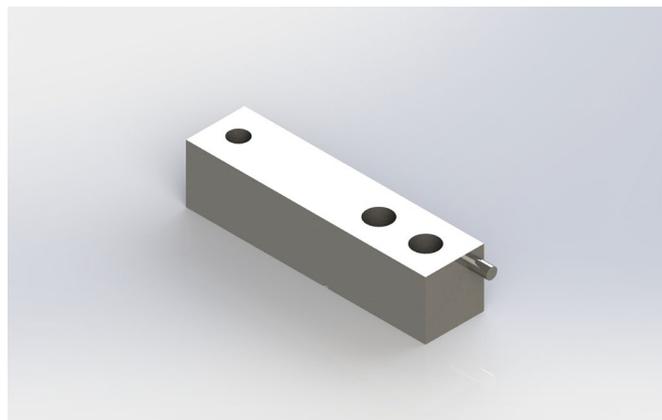
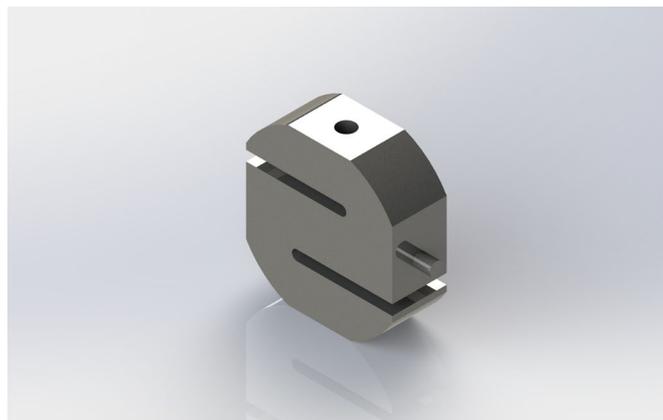
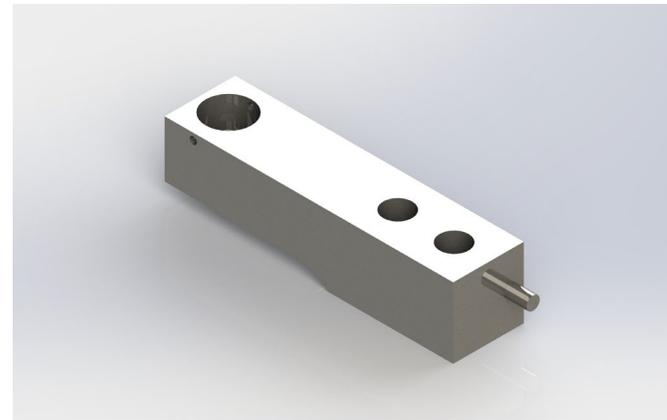
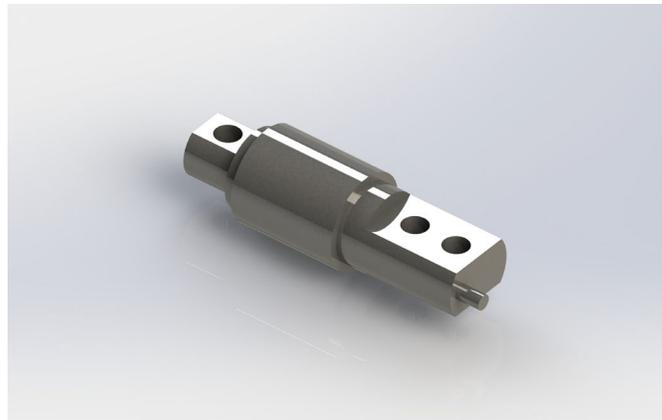
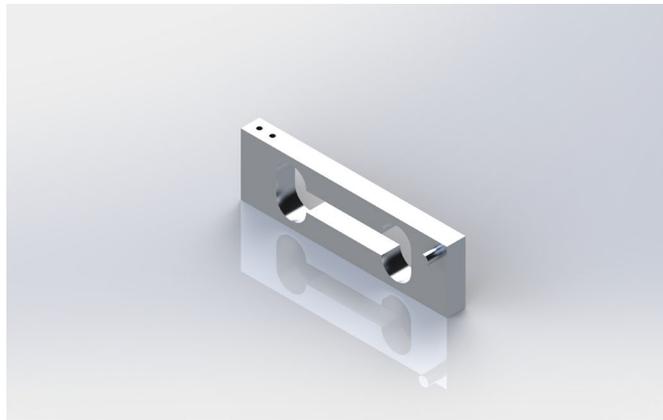
# 高线性高效等振幅电磁给料机DZF-GX-1900-5000

DZF-GX-1900-5000 高线性高效等振幅电磁给料机系列，基于等振幅稳定激振设计，可在不同规格与负载条件下实现克级精度连续、线性的中大流量物料输送



# 高精度称重传感器系列

低蠕变、低温漂、高线性、高重复精度称重传感器，为自适应电磁计量系统提供长期稳定的数据基础



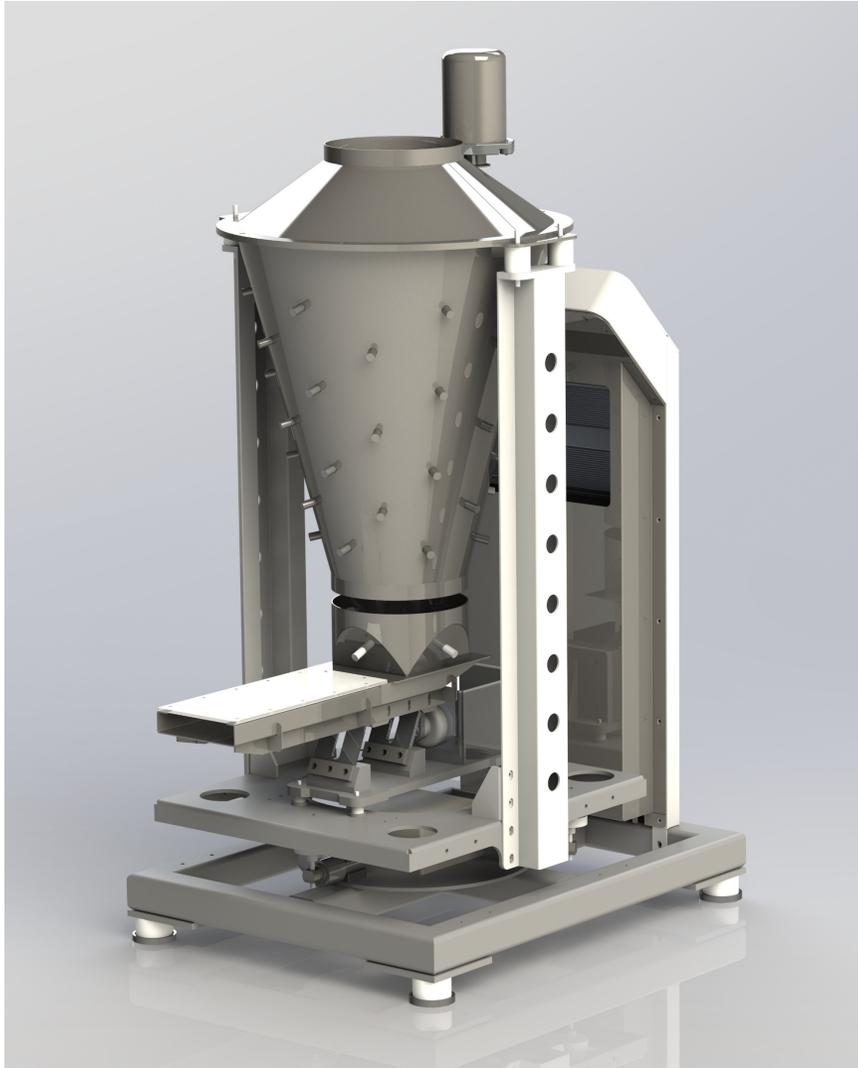


# 微量等振幅电磁给料机主要参数



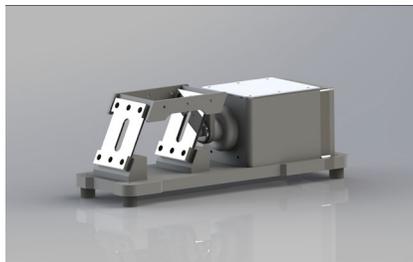
项目	数据	单位	说明
额定电压	AC100-380	V	可选择
电源波形	正弦		
电源频率	50、60	Hz	
工作环境温度	0-40	°C	
工作环境湿度	10-80	%	相对湿度
料仓材质	材质、涂层		可选择
料仓容积		L	可选择
给料机料槽材质	材质、涂层		可选择
料槽卸料阀	材质、涂层		可选择
等振幅给料机	2.5-120	W	可选择
固有频率	100/50/33/25/20.....	Hz	可选择
给料机保护温度	80	°C	
最高给料精度	0.01-0.1	mg	物料粒径、堆积密度、料槽截面积有关
给料速度	0.005-0.025	Kg/h	物料粒径、堆积密度、料槽截面积有关

# 自适应电磁秤主要参数



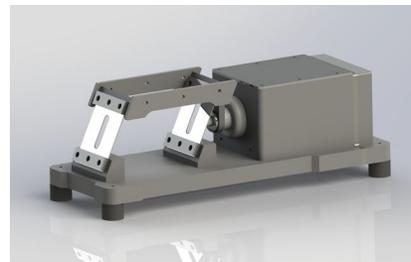
项目	数据	单位	说明
额定电压	AC100-380	V	可选择
电源波形	正弦		
电源频率	50、60	Hz	
工作环境温度	0-40	°C	
工作环境湿度	10-80	%	相对湿度
计量仓材质	材质、涂层		可选择
计量仓容积		L	可选择
计量仓补料阀	材质、涂层		可选择
给料机料槽材质	材质、涂层		可选择
料槽卸料阀	材质、涂层		可选择
等振幅给料机	2.5-2500	W	可选择
给料机保护温度	80	°C	
称重传感器			模拟信号
称重传感器量程	5, 10, 20, 30, 40, 50, 75, 100, 150, 200, 250, 300, 500.....	Kg	可选择
称重传感器数量	3	只	3点支撑
称重传感器精度	C3、C6		国产、合资、进口可选择
最高给料精度	0.01-0.1	mg	物料粒径、堆积密度、料槽截面积有关
计量速度	0.025-40000	Kg/h	物料粒径、堆积密度、料槽截面积有关

# DZF等振幅电磁给料机系列



M1:13Kg

DZF20等振幅电磁给料机



M1:55Kg

DZF35等振幅电磁给料机

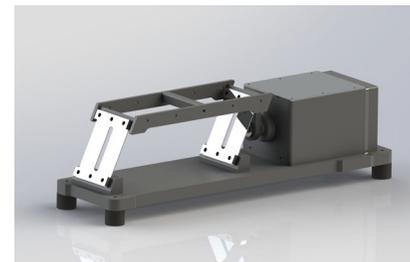
DZF55等振幅电磁给料机

DZF95等振幅电磁给料机

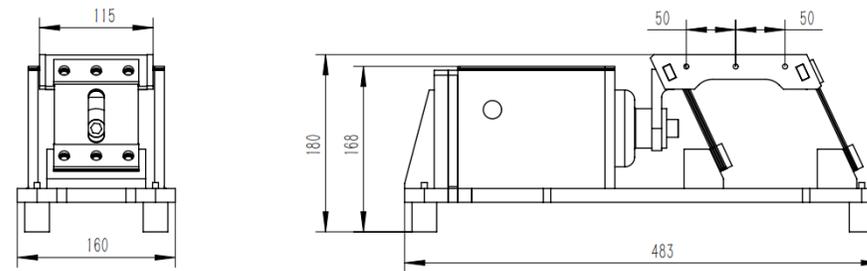
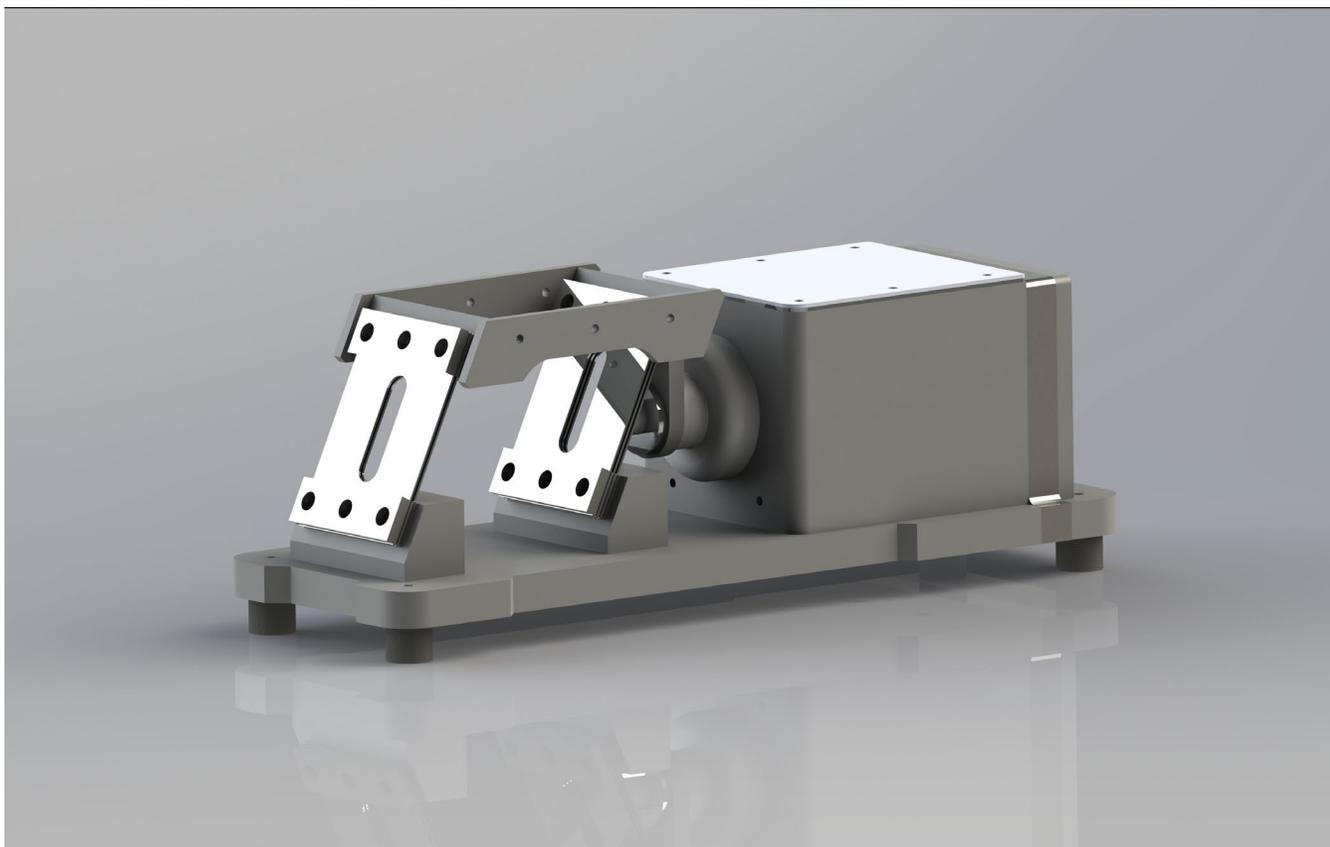
M1:21Kg



M1:80Kg

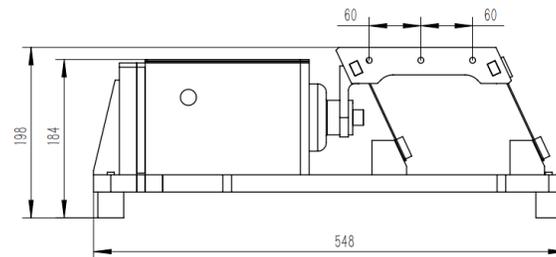
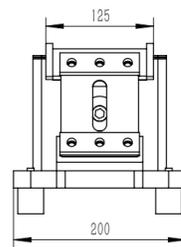
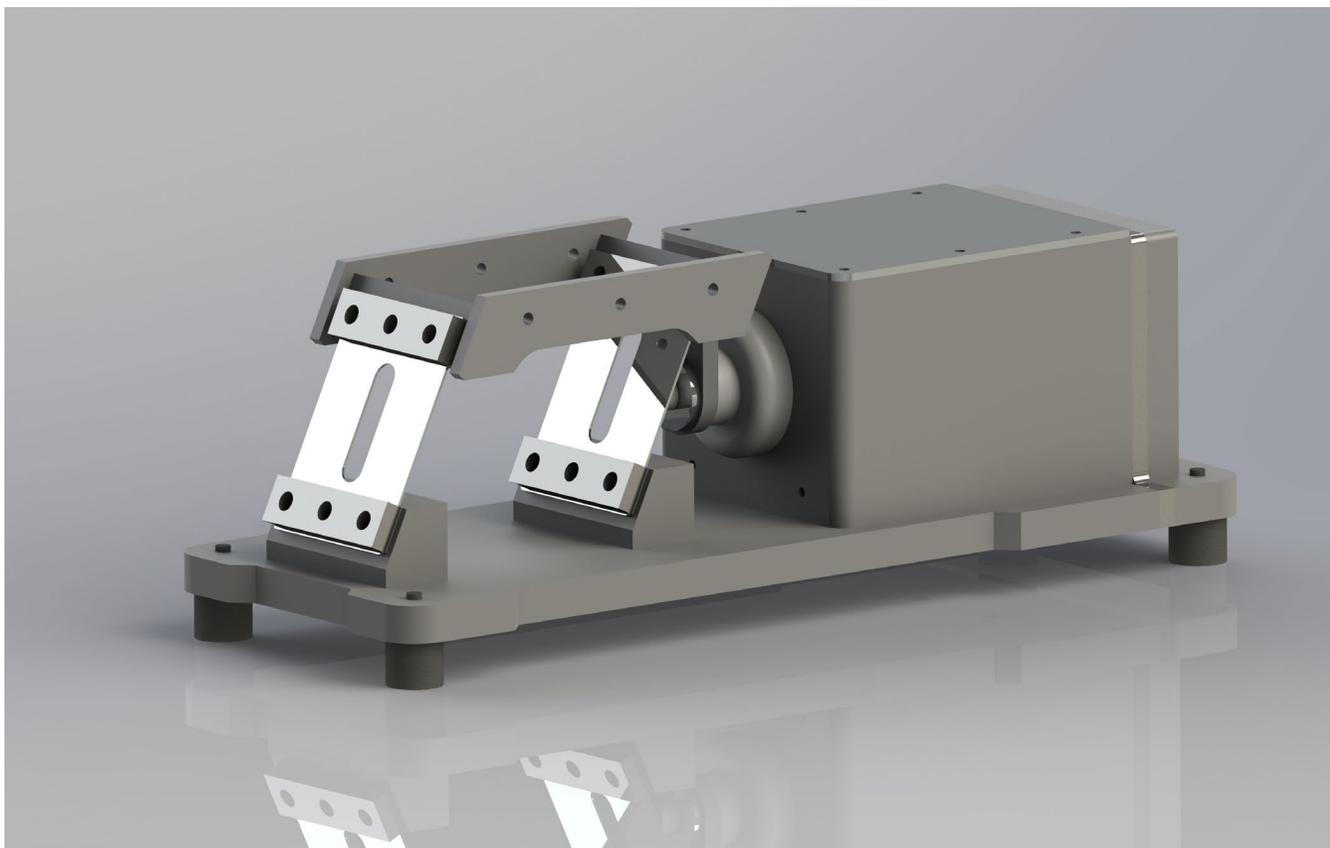


# DZF20等振幅电磁给料机主要参数



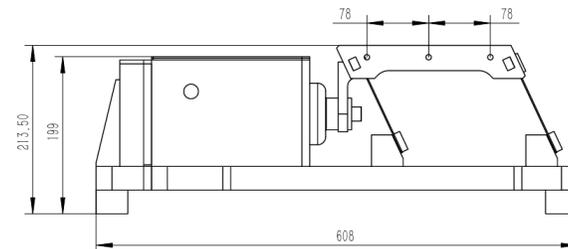
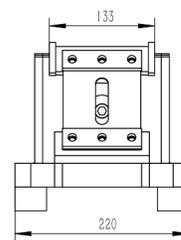
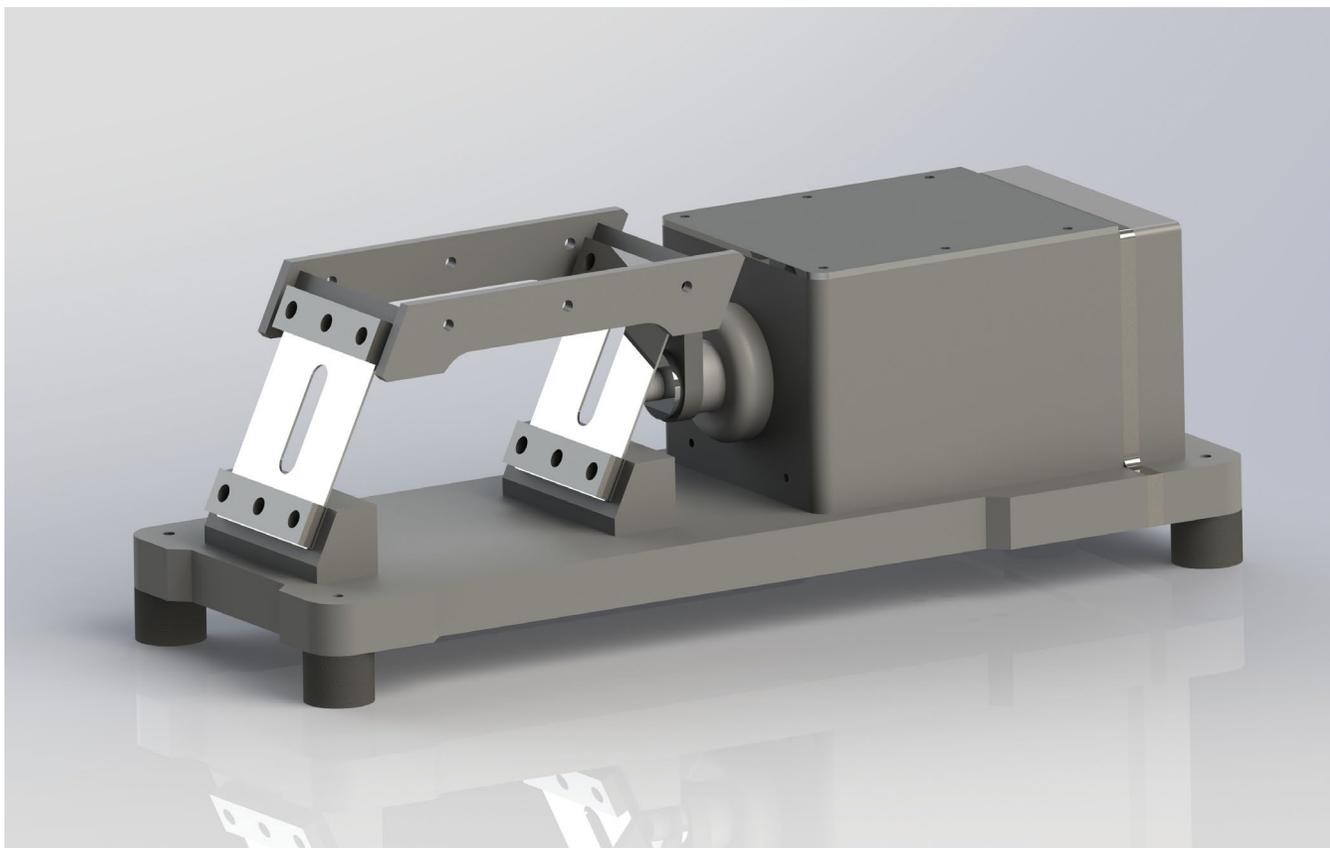
额定电压	额定功率	额定电流	额定振幅	固有频率	驱动能力
AC100 -380V	220V 195W	0.8A	0-1.5mm	100/50/ 33/25...	5Kg
AC100 -380V	220V 215W	0.9A	0-1.5mm	100/50/ 33/25...	6Kg
AC100 -380V	220V 235W	1.0A	0-1.5mm	100/50/ 33/25...	7Kg
AC100 -380V	220V 255W	1.1A	0-1.5mm	100/50/ 33/25...	7.5Kg
AC100 -380V	220V 289W	1.3A	0-1.5mm	100/50/ 33/25...	9Kg
AC100 -380V	220V 340W	1.5A	0-1.5mm	100/50/ 33/25...	10Kg
AC100 -380V	220V 369W	1.6A	0-1.5mm	100/50/ 33/25...	11Kg
AC100 -380V	220V 380W	1.7A	0-1.5mm	100/50/ 33/25...	12Kg
AC100 -380V	220V 420W	1.9A	0-1.5mm	100/50/ 33/25...	13Kg

# DZF35等振幅电磁给料机主要参数



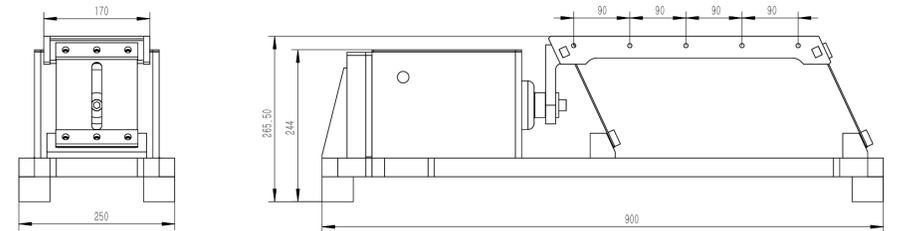
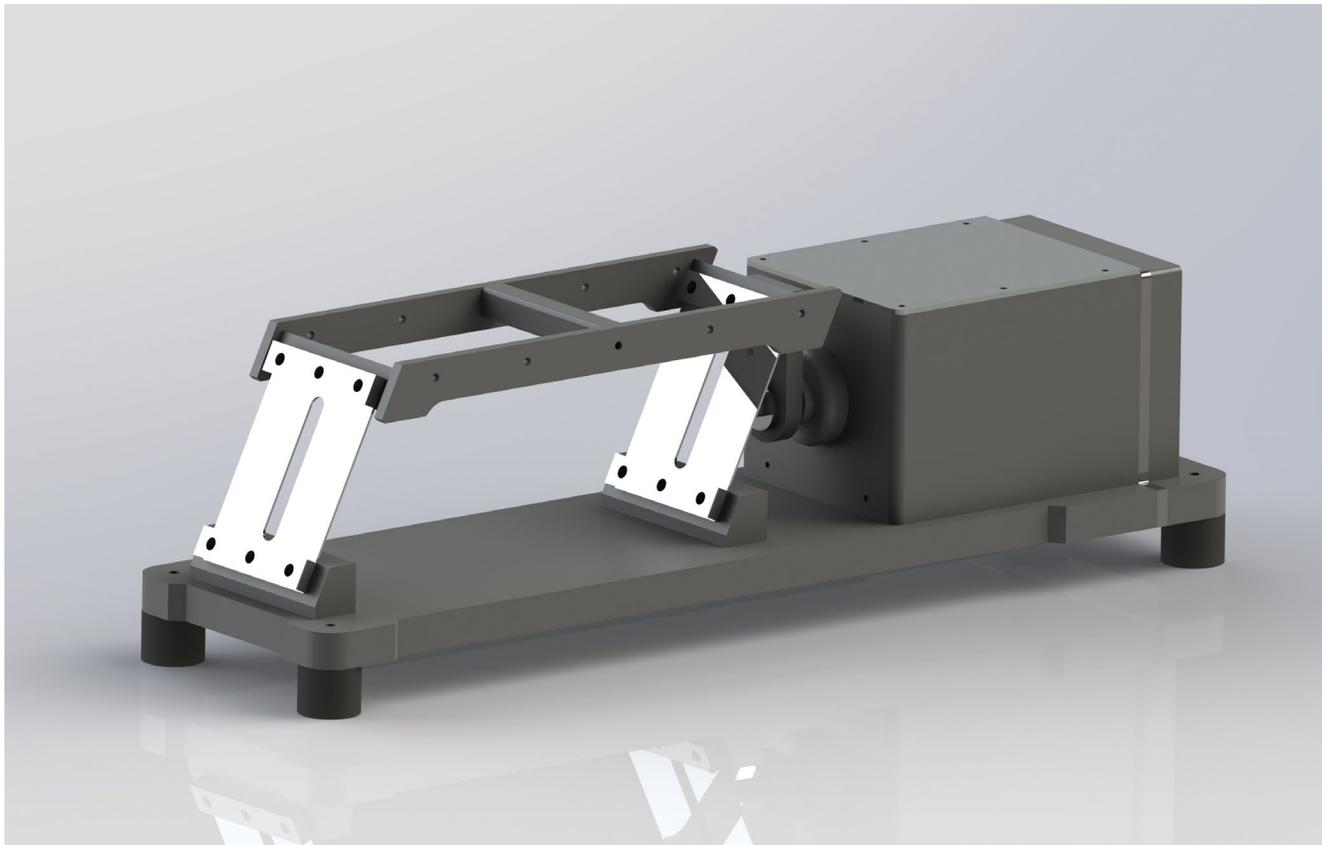
额定电压	额定功率	额定电流	额定振幅	固有频率	驱动能力
AC100 -380V	220V 410W	1.8A	0-1.5mm	100/50/ 33/25...	12.5Kg
AC100 -380V	220V 430W	1.9A	0-1.5mm	100/50/ 33/25...	13.5Kg
AC100 -380V	220V 450W	2.0A	0-1.5mm	100/50/ 33/25...	14Kg
AC100 -380V	220V 470W	2.1A	0-1.5mm	100/50/ 33/25...	15Kg
AC100 -380V	220V 510W	2.3A	0-1.5mm	100/50/ 33/25...	16.5Kg
AC100 -380V	220V 600W	2.7A	0-1.5mm	100/50/ 33/25...	20Kg
AC100 -380V	220V 650W	2.9A	0-1.5mm	100/50/ 33/25...	21Kg

# DZF55等振幅电磁给料机主要参数



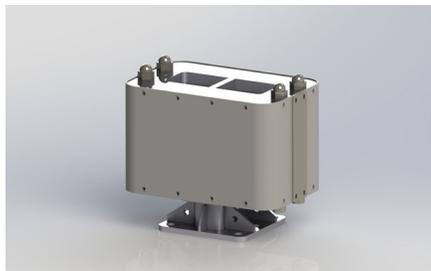
额定电压	额定功率	额定电流	额定振幅	固有频率	驱动能力
AC100 -380V	220V 600W	2.7A	0-1.5mm	100/50/ 33/25...	20Kg
AC100 -380V	220V 650W	2.9A	0-1.5mm	100/50/ 33/25...	21Kg
AC100 -380V	220V 800W	3.6A	0-1.5mm	100/50/ 33/25...	26Kg
AC100 -380V	220V 950W	4.3A	0-1.5mm	100/50/ 33/25...	31Kg
AC100 -380V	220V 1100W	5.0A	0-1.5mm	100/50/ 33/25...	36Kg
AC100 -380V	220V 1300W	5.9A	0-1.5mm	100/50/ 33/25...	43Kg
AC100 -380V	220V 1500W	6.8A	0-1.5mm	100/50/ 33/25...	50Kg

# DZF95等振幅电磁给料机主要参数



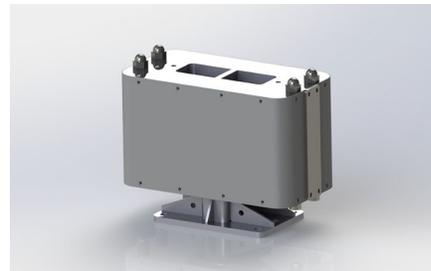
额定电压	额定功率	额定电流	额定振幅	固有频率	驱动能力
AC100 -380V	220V 1500W	6.8A	0-1.5mm	100/50/ 33/25...	50Kg
AC100 -380V	220V 1800W	8.1A	0-1.5mm	100/50/ 33/25...	60Kg
AC100 -380V	220V 2100W	9.5A	0-1.5mm	100/50/ 33/25...	70Kg
AC100 -380V	220V 2500W	11.3A	0-1.5mm	100/50/ 33/25...	80Kg

# DZF-GX等振幅高效电磁给料机驱动器系列



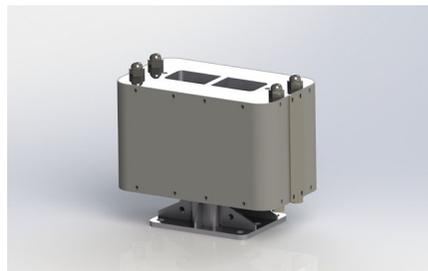
M1:65Kg

DZF-GX-1900等振幅电磁驱动器



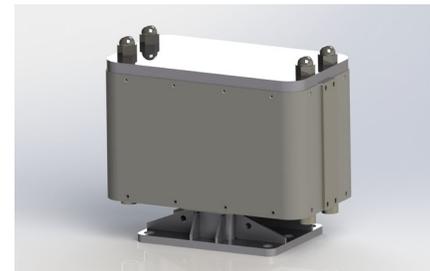
M1:120Kg

DZF-GX-3600等振幅电磁驱动器



M1:85Kg

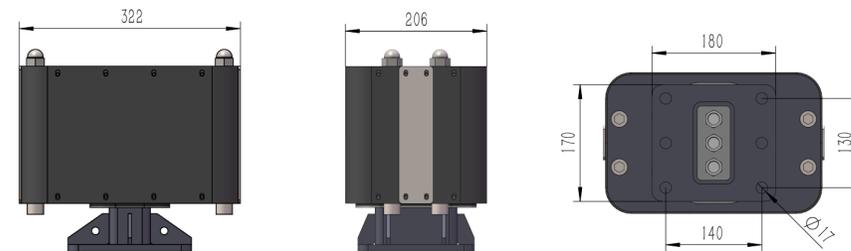
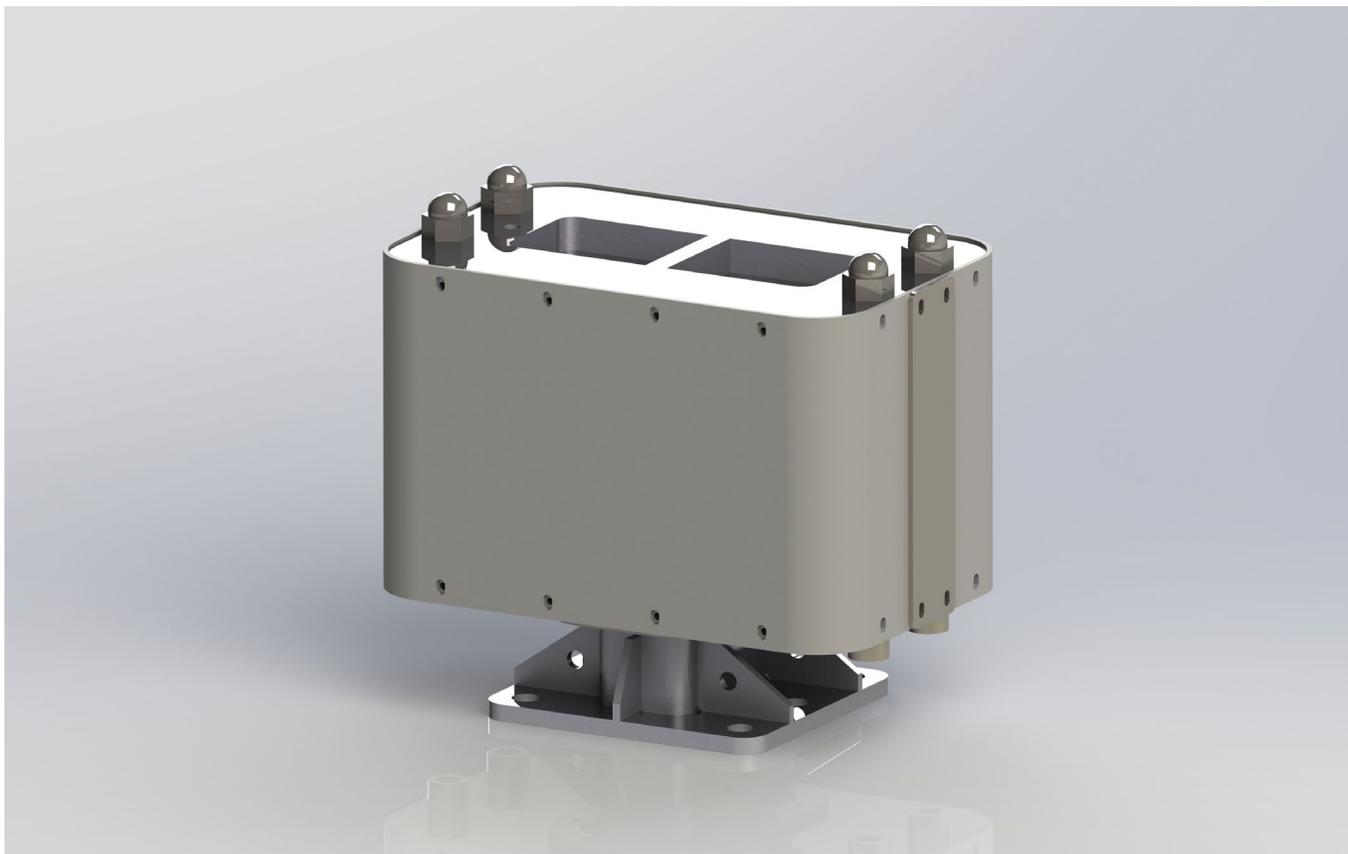
DZF-GX-2600等振幅电磁驱动器



M1:165Kg

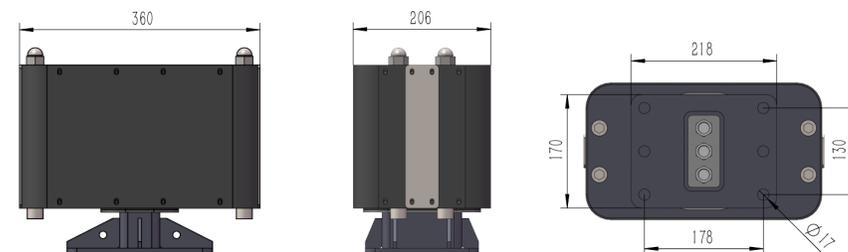
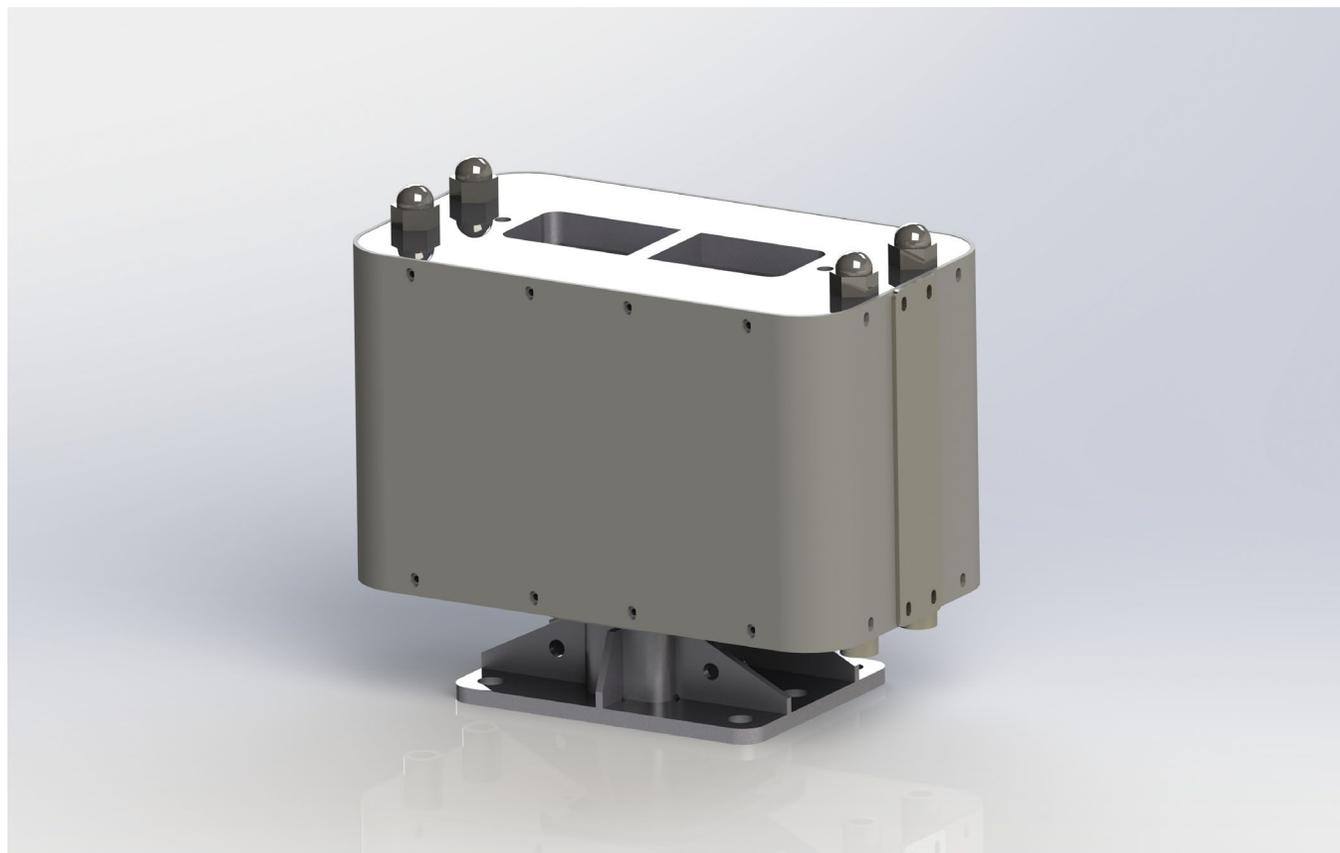
DZF-GX-5000等振幅电磁驱动器

# DZF-GX-1900等振幅高效电磁给料机驱动器主要参数



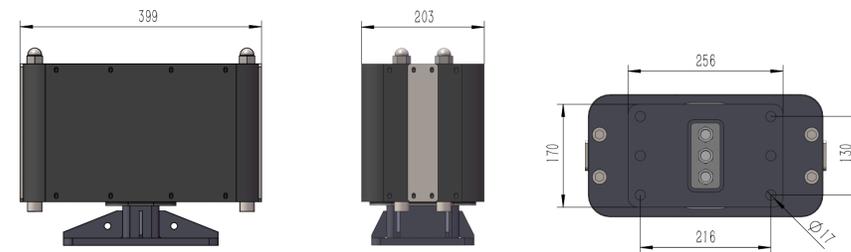
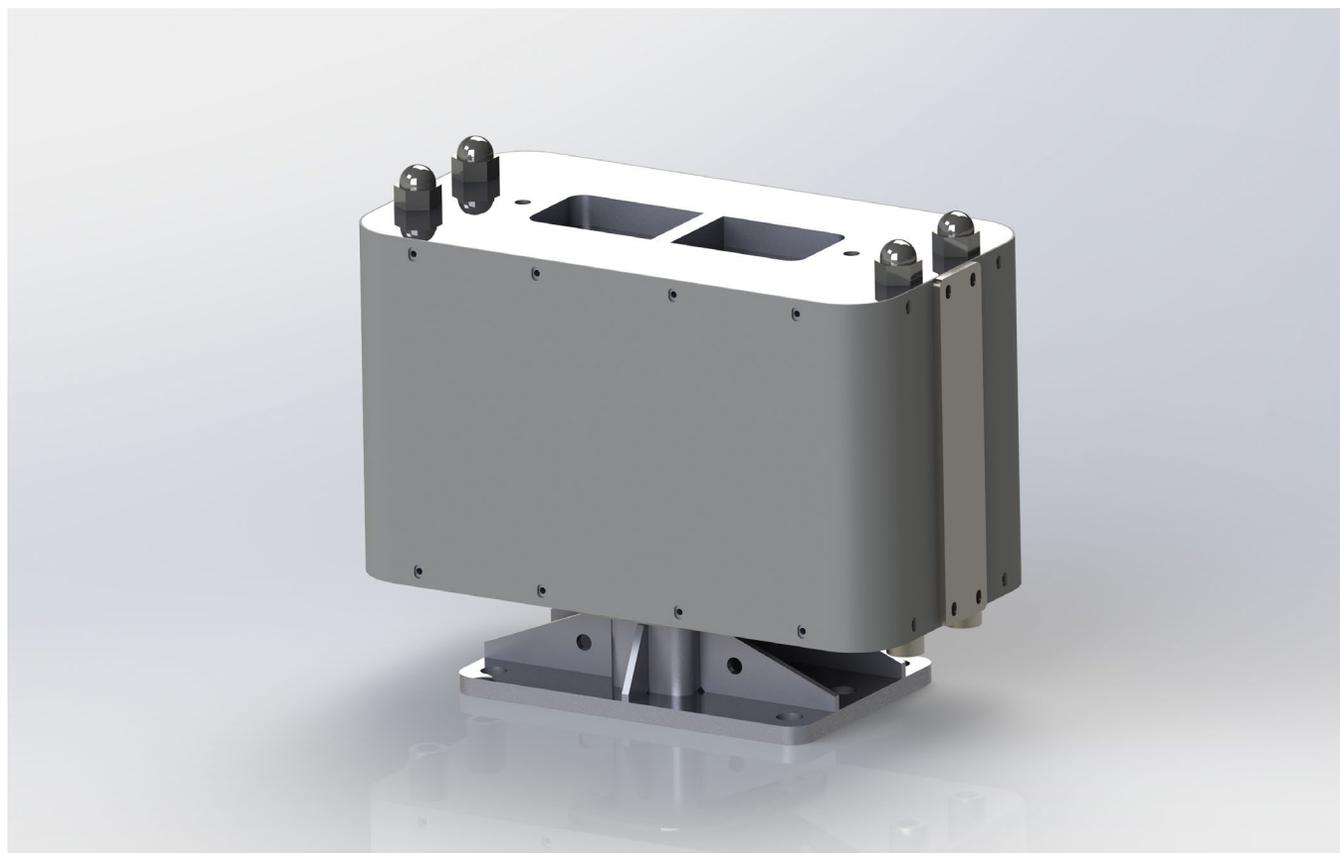
项目	参数
输入电源	AC100-380V
额定功率	380V1900W
额定振幅	0-1.5mm
固有频率	50/33/25/20.....
驱动能力	65Kg

# DZF-GX-2600等振幅高效电磁给料机驱动器主要参数



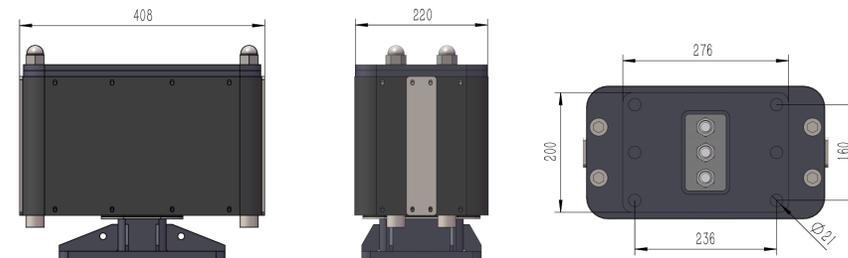
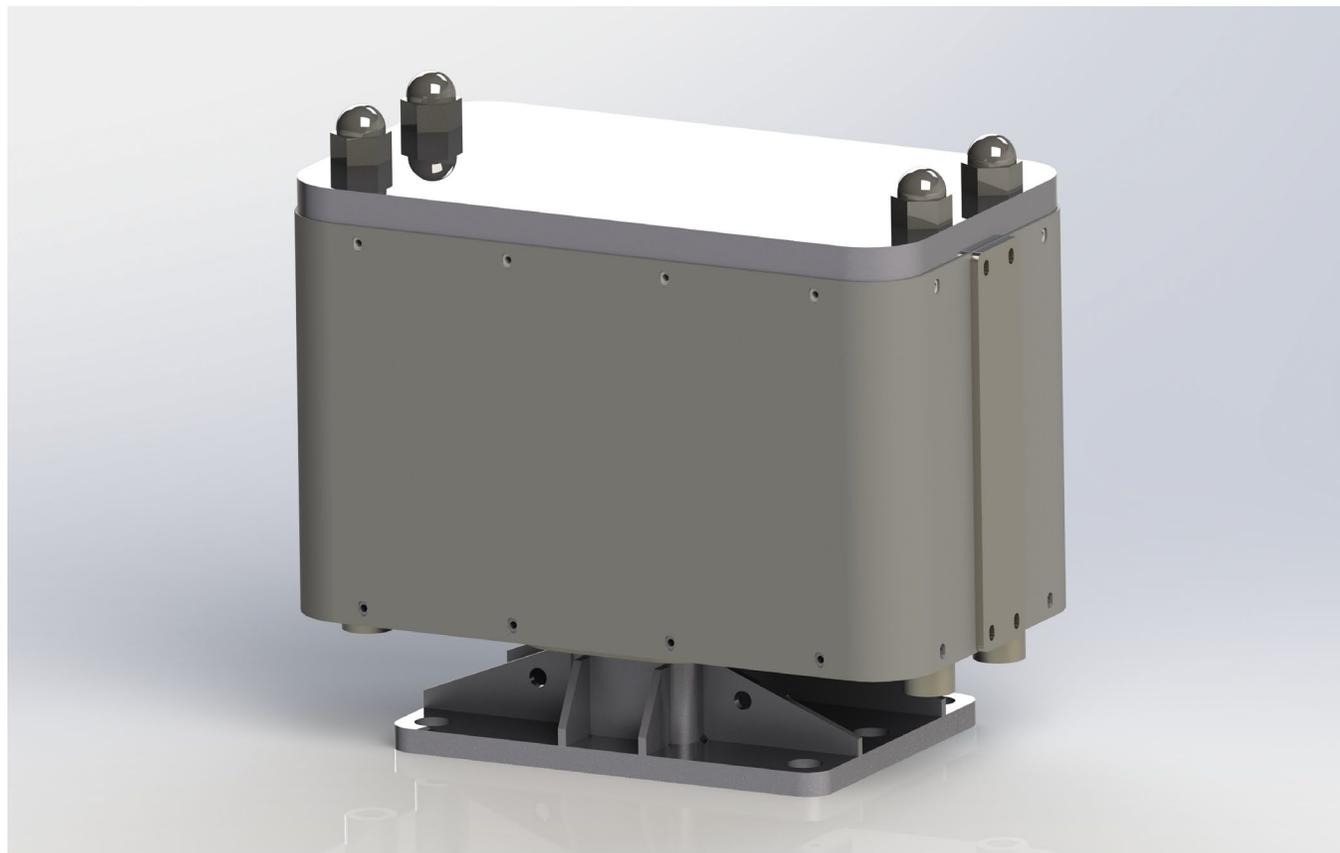
项目	参数
输入电源	AC100-380V
额定功率	380V2600W
额定振幅	0-1.5mm
固有频率	50/33/25/20.....
驱动能力	85Kg

# DZF-GX-3600等振幅高效电磁给料机驱动器主要参数



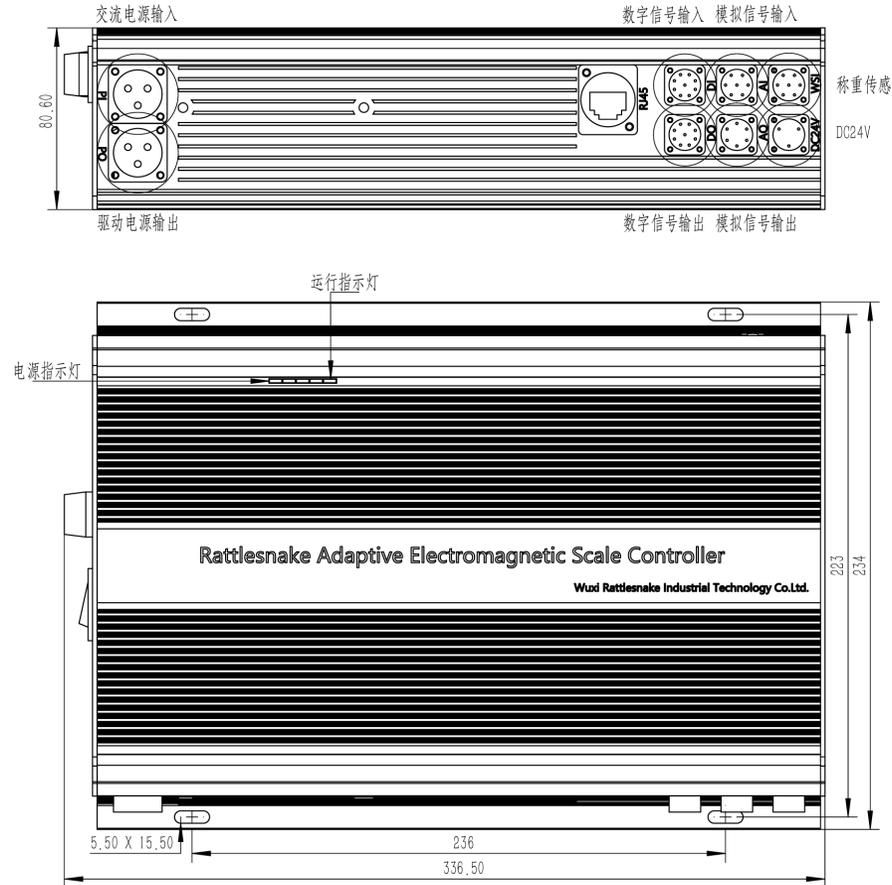
项目	参数
输入电源	AC100-380V
额定功率	380V3600W
额定振幅	0-1.5mm
固有频率	50/33/25/20.....
驱动能力	120Kg

# DZF-GX-5000等振幅高效电磁给料机驱动器主要参数



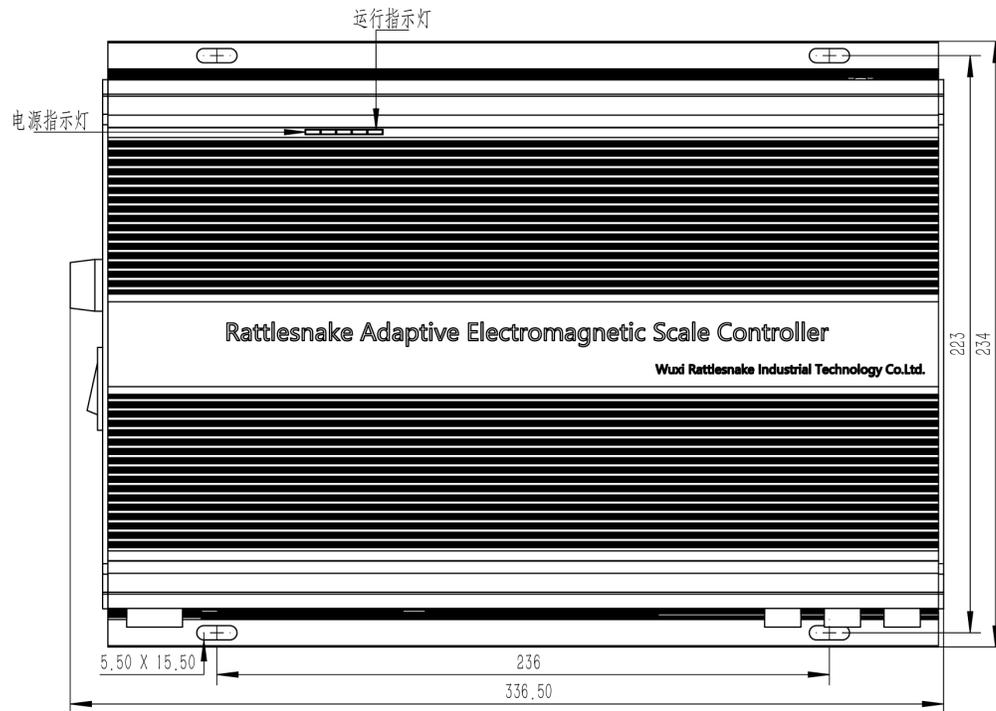
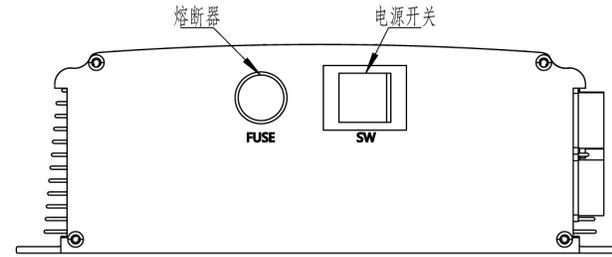
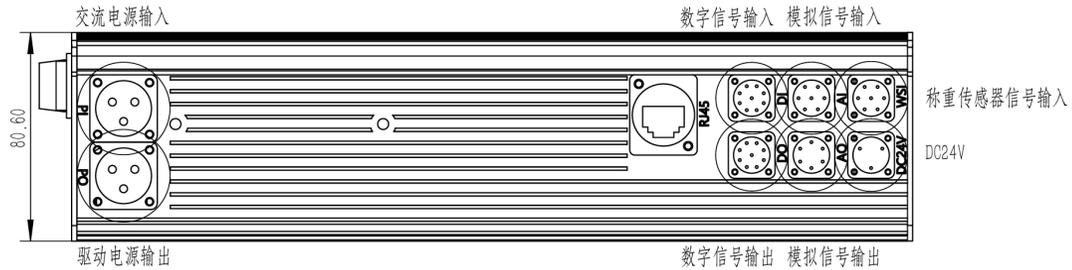
项目	参数
输入电源	AC100-380V
额定功率	380V5000W
额定振幅	0-1.5mm
固有频率	50/33/25/20.....
驱动能力	165Kg

# 自适应电磁秤控制器主要参数

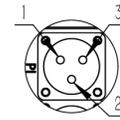


项目	数据	单位	说明
输入电压	100-380	V	交流
输出电压	Vin-2	V	全波
输出电流	6	A	全波
输出功率	1320	VA	全波
输出频率	100、50	HZ	可选择
输出波形	正弦		
过热保护温度	65	°C	
工作环境温度	0-40	°C	阴凉通风
工作环境湿度	10-80	%	相对湿度
电流过流保护	0-6	A	熔断器
熔断器容量	6	A	外接保护
计量模式	批次、连续、微量失重计量		增量可定制
计量精度	最高达0.5‰	‰	表显
计量速度调节	自适应/数字设定		
计量精度调节	自学习/数字设定		
仪表内部分辨率	4000000		
给料机调压分度	10000		
称重传感器	模拟信号		
掉电保持	支持掉电重启继续计量功能		
缓起缓停	2-10	S	数字设定
异常保护			
报警显示			最新报警
通信			OPC/S7

# 自适应电磁秤控制器接口

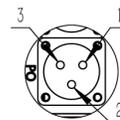


交流电源输入



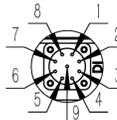
- 1、电源
- 2、接地
- 3、电源

驱动电源输出



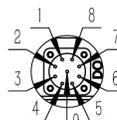
- 1、电源
- 2、接地
- 3、电源

数字信号输入



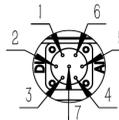
- 1、内部DC24V
- 2、内部接称重传感器信号
- 3、内部接信号
- 4、内部接料门开信号
- 5、内部接料门关信号
- 6、内部接料门开信号
- 7、内部接料门关信号
- 8、内部接料门开信号
- 9、内部接料门关信号

数字信号输出



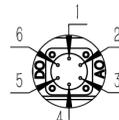
- 1、内部接料门
- 2、内部接料门
- 3、内部接料门
- 4、内部接料门
- 5、内部接料门
- 6、内部接料门
- 7、内部接料门
- 8、内部接料门
- 9、内部接料门

模拟信号输入



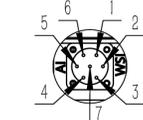
- 1、内部DC24V
- 2、内部接称重传感器模量4-20mA
- 3、内部接信号
- 4、内部接料门开信号
- 5、内部接料门关信号
- 6、内部接料门开信号
- 7、内部接料门关信号

模拟信号输出



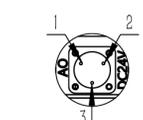
- 1、模量4-20mA/0-10V
- 2、内部DC24V
- 3、模量4-20mA/0-10V
- 4、内部DC24V
- 5、内部接料门
- 6、内部接料门
- 7、内部接料门

称重传感器信号输入



- 1、SENSE- 反馈
- 2、EXC- 电源
- 3、200mA- 激励
- 4、SENSE+ 反馈
- 5、EXC+ 电源
- 6、200mA+ 激励
- 7、接地

输出电源DC24V



- 1、DC24V
- 2、DC24V
- 3、接地

# 高性能振动控制器系列



支持PID功能  
额定电流10A

标准型振动控制器



支持高速PID功能  
额定电流30A

增强型振动控制器

高性能振动控制器

高性能变频振动控制器

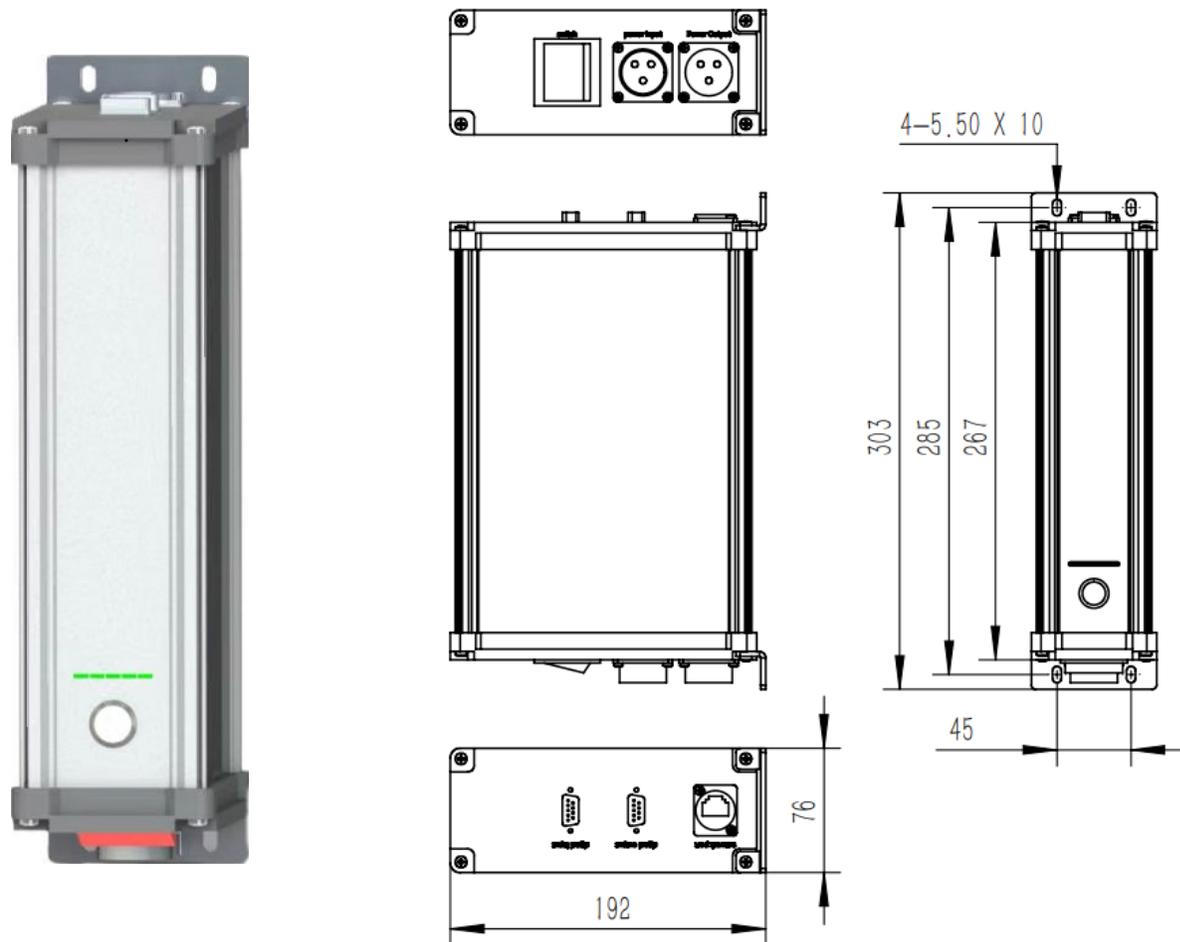
支持PID功能  
额定电流20A



支持高速PID、变频功能  
额定电流30A

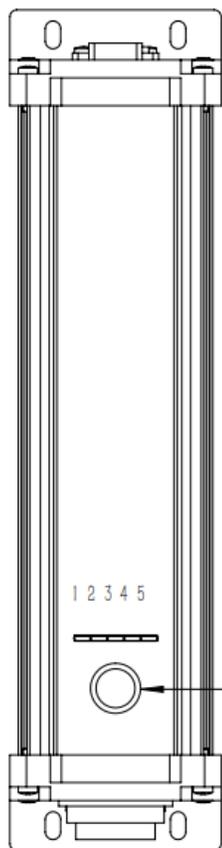


# 高性能变频振动控制器主要参数



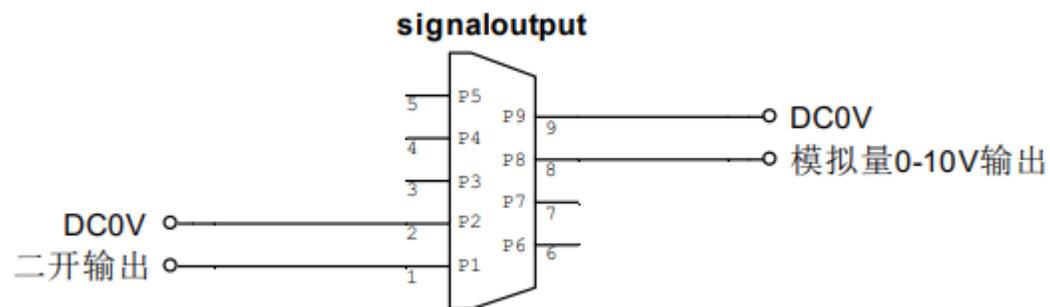
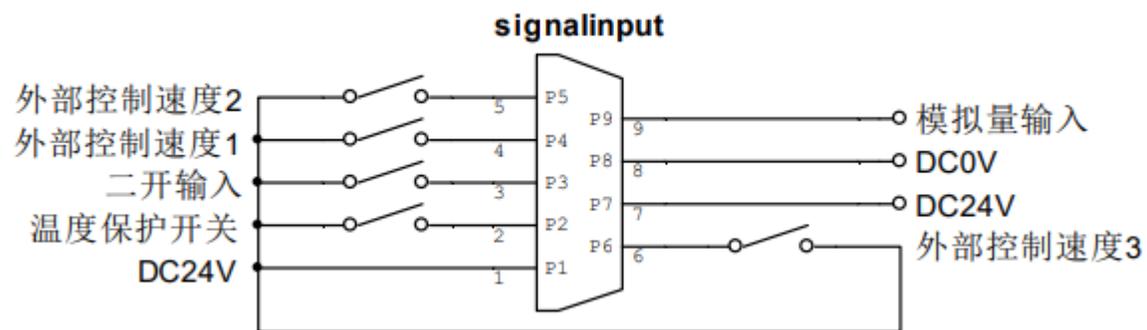
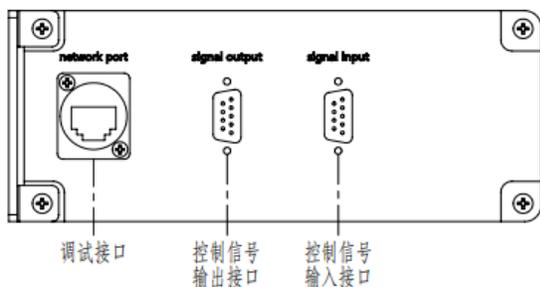
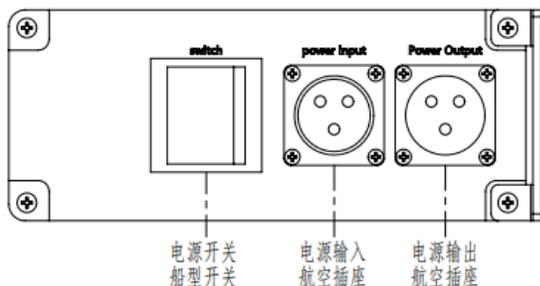
项目	数据	单位	说明
输入电压	100-380	V	交流
输出电压	Vin-2	V	全波
输出电流	30	A	全波
输出功率	9639	VA	全波
输出频率	100/50/33.3/25/20/16.6/.....	HZ	数字设定
输出波形	正弦		
过热保护温度	65	°C	
工作环境温度	0-40	°C	阴凉通风
工作环境湿度	10-80	%	相对湿度
电流过流保护	0-30	A	数字设定
熔断器容量	30	A	外接保护
开环多段速数据	3	条	数字设定
闭环多段速数据	3	条	数字设定
控制方式			触点/数字控制
高速PID	正、负反馈		可选择
反馈传感器信号	4-20ma、0-10V		可选择
缓起缓停	15	S	数字设定
异常保护	5	项	
报警记录	20	条	
报警显示	1	条	最新报警
通信			OPC/S7
设备重量	2350	g	不含附件

# 高性能、高性能变频振动控制器部件接口



- 1、电源指示灯
- 2、电源指示灯
- 3、上电指示灯
- 4、可控硅运行指示灯
- 5、可控硅运行指示灯

复位按钮



# 高精度称重传感器



响尾蛇工业

## GL6B

- ◆ GL6B 称重传感器可以满足 0.3kg-3kg 量程范围内的精确测量
- ◆ 铝合金材料，平行梁结构，硅橡胶密封
- ◆ 适用于电子天平等各类电子称重设备



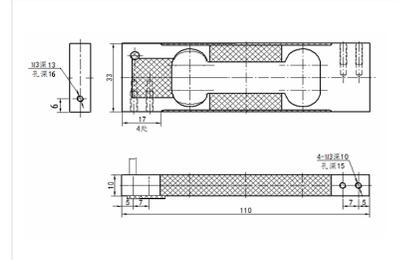
### 推荐选择型号

0.3kg-3kg GL6B-H/L-xxxkg-0.4B

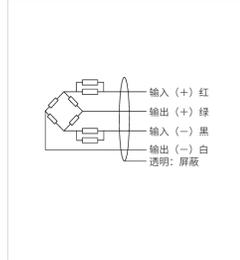


技术指标		kg		
额定载荷	kg	0.3/0.6/1.2/1.5/3		
输出灵敏度	mV/V	0.9±0.1		
精度		L	H	H1
分辨率		三万分度	六万分度	十万分度
综合误差	%FS	0.02	0.01	0.008
蠕变	%FS/2min	±0.005	±0.005	±0.003
温度对输出灵敏度的影响	%FS/10°C	±0.015	±0.015	±0.008
温度对零点输出的影响	%FS/10°C	±0.02	±0.017	0.01
零点平衡	mV/V	- 0.020 ~ +0.040		
温度补偿范围	°C	-10 ~ +40		
允许使用温度范围	°C	-35 ~ +65		
输入电阻	Ω	406±6		
输出电阻	Ω	350±3		
绝缘阻抗	MΩ	≥ 5000(50VDC)		
推荐激励电压	V	5 ~ 10(DC)		
最大激励电压	V	12(DC)		
安全过载范围	%FS	120		
极限过载范围	%FS	150		
防护等级		IP65		
电缆线规格	mm	φ2.9		
电缆线长度	m	0.4		
推荐秤台尺寸	mm	200×200		
四角误差		0.02% 加载值 /100mm		
推荐安装扭矩	N.m	1.3		

### 外型尺寸 mm (inch)



### 接线方式



响尾蛇工业

## GBM11

- ◆ 不锈钢材质，单点式波纹管型，焊接密封，压向承载
- ◆ 防护等级 IP68
- ◆ 适用于皮带秤、料斗秤等各类电子称重设备



### 推荐选择型号

5kg-500kg	GBM11-C3-xxxkg-3B
5kg-500kg	GBM11-C3-xxxkg-3B6
5kg-500kg	GBM11-C3-xxxkg-3B-SC
5kg-500kg	GBM11-C3-xxxkg-3B6-SC

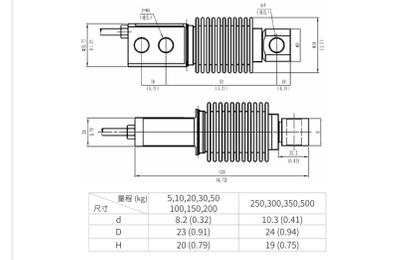
10kg-500kg 通过 OIML C4 级认证  
20kg-500kg 通过德国 PTB C3 级测试  
5kg-500kg 通过 NTEP AS5/ASM B10M 认证  
“SC” 表示电流输出



### 技术指标

额定载荷		kg					
精度		C3	C4	A55	ASM	B10M	
认证		OIML R60 C3	OIML R60 C4	III 5000 单只	III 5000 多只	III L10000 多只	
最大检定分度数	nmax	3000	4000	5000	5000	10000	
最小检定分度值	Vmin	Emax/10000	Emax/14000	Emax/15000	Emax/15000	Emax/10000	
综合误差	%FS	≤ ±0.020	≤ ±0.018	≤ ±0.018	≤ ±0.026	≤ ±0.050	
蠕变	%FS/30min	≤ ±0.016	≤ ±0.012	≤ ±0.012	≤ ±0.017	≤ ±0.040	
温度对输出灵敏度的影响	%FS/10°C	≤ ±0.011	≤ ±0.009	≤ ±0.009	≤ ±0.013	≤ ±0.040	
温度对零点输出的影响	%FS/10°C	≤ ±0.015	≤ ±0.011	≤ ±0.011	≤ ±0.014	≤ ±0.020	
输出灵敏度	mV/V	2.0±0.02					
输入阻抗	Ω	460±50					
输出阻抗	Ω	350±3.5					
绝缘阻抗	MΩ	≥ 5000(50VDC)					
零点输出	%FS	≤ ±1.0					
温度补偿范围	°C	-10 ~ +40					
允许使用温度范围	°C	-35 ~ +70					
推荐激励电压	V	5 ~ 12(DC)					
最大激励电压	V	18(DC)					
安全过载范围	%FS	120					
极限过载范围	%FS	150					
防护等级		IP68					
推荐安装扭矩	N.m	100					
产品防爆标志		Ex ia II C T6 Ga			Ex iaD 20 T80		

### 外型尺寸 mm (inch)



### 接线方式



响尾蛇工业

## GHM8C

- ◆ 合金钢材料，全密封焊接，防油、防水、耐腐蚀，单剪梁结构
- ◆ 防护等级 IP68
- ◆ 适用于电子平台秤、料斗秤等各类电子称重设备



### 推荐选择型号

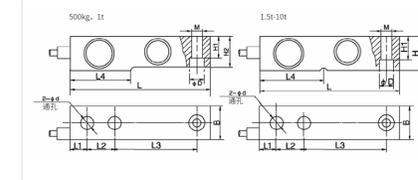
500kg GHM8C-C3-500kg-4B  
1t-5t GHM8C-C3-xxx-tB



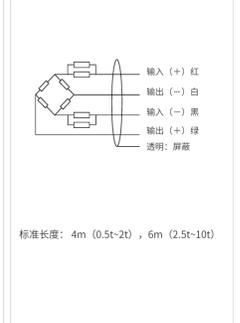
### 技术指标

额定载荷		t			
精度		C3	0.5/1/1.5/2/2.5/3/5/10		B10M
最大检定分度数	nmax	3000	5000	5000	10000
最小检定分度值	Vmin	Emax/7500	Emax/15000		Emax/10000
综合误差	%FS	≤ ±0.020	≤ ±0.026	≤ ±0.050	≤ ±0.050
蠕变	%FS/30min	≤ ±0.016	≤ ±0.017	≤ ±0.040	≤ ±0.040
温度对输出灵敏度的影响	%FS/10°C	≤ ±0.011	≤ ±0.013	≤ ±0.040	≤ ±0.040
温度对零点输出的影响	%FS/10°C	≤ ±0.019	≤ ±0.014	≤ ±0.020	≤ ±0.020
输出灵敏度	mV/V	2.0±0.004			
输入阻抗	Ω	350±3.5			
输出阻抗	Ω	351±2			
绝缘阻抗	MΩ	≥ 5000(50VDC)			
零点输出	%FS	≤ ±1.0			
温度补偿范围	°C	-10 ~ +40			
允许使用温度范围	°C	-35 ~ +70			
推荐激励电压	V	5 ~ 12(DC)			
最大激励电压	V	18(DC)			
安全过载范围	%FS	120			
极限过载范围	%FS	150			
防护等级		IP68			
推荐安装扭矩	N.m	100			
产品防爆标志		Ex ia II C T6 Ga		Ex iaD 20 T80	

### 外型尺寸 mm (inch)



### 接线方式



# 高精度称重传感器



响尾蛇工业

## GH8C

- ◆ 合金钢材料, 单剪刃梁结构设计
- ◆ 防护等级 IP67
- ◆ 适用于电子平台秤、料斗秤等各类电子称重设备

推荐选择型号
500kg GH8C-C3-500kg-4B
1-10t GH8C-C3-xxx-4B
1-20t GH8C-N5-xxx-4B
500kg GH8C-C3-500kg-4B-S1
1-10t GH8C-C3-xxx-4B-S1
1-20t GH8C-N5-xxx-4B-S1
通过 OIML C3 认证及 NTEP A55/B105 认证 ASM/B10M 认证



技术指标	t	0.5/1/1.5/2/2.5/3/5/10			
		C3	C4	ASM	B10M
额定载荷	klb	1/1.5/2/2.5/3/5/10			
精度		C3	C4	ASM	B10M
认证		OIML R60 C3	OIML R60 C4	OIML R60 C5	III 5000 多只
最大检定分度数	nmax	3000	4000	5000	10000
最小检定分度值	Vmin	Emax/10000	Emax/14000	Emax/18000	Emax/15000
综合误差	%FS	≤ ±0.020	≤ ±0.018	≤ ±0.010	≤ ±0.026
蠕变	%FS/30min	≤ ±0.016	≤ ±0.012	≤ ±0.010	≤ ±0.017
温度对输出灵敏度的影响	%FS/10°C	≤ ±0.011	≤ ±0.009	≤ ±0.008	≤ ±0.013
温度对零点输出的影响	%FS/10°C	≤ ±0.015	≤ ±0.010	≤ ±0.007	≤ ±0.014
输出灵敏度	mV/V	3.0 ± 0.003 2.0 ± 0.002			
输入阻抗	Ω	350 ± 3.5			
输出阻抗	Ω	350 ± 3.5			
绝缘阻抗	MΩ	≥ 5000(50VDC)			
零点输出	%FS	≤ ±1.0			
温度补偿范围	°C	-10 ~ +40			
允许使用温度范围	°C	-35 ~ +75			
推荐激励电压	V	5 ~ 12(DC)			
最大激励电压	V	18(DC)			
安全过载范围	%FS	150			
极限过载范围	%FS	300			
推荐安装扭矩	N.m	M12-100, M18-200, M24-700			
产品防爆标志		Ex ia II C T6 Ga Ex iaD 20 T80			

### 外型尺寸 mm (inch)

尺寸	L	L1	L2	L3	L4	H	H1	W	W1	D	d	M
0.5/2t	130.0	15.8	25.4	76.2	54.2	31.8	15.8	31.8	34.0	13.5	13.5	M12×1.75
1K-4K	130.0	15.8	25.4	76.2	54.2	31.8	15.8	31.8	34.0	13.5	13.5	1/2-20UNF
5K-9K	130.0	15.8	25.4	76.2	54.2	31.8	15.8	31.8	34.0	13.5	13.5	1/2-20UNF
25/5t	171.5	19.1	38.1	95.3	77.2	38.1	18.8	38.1	40.0	19.8	19.8	M18×1.5
5K-10K	171.5	19.1	38.1	95.3	77.2	38.1	18.8	38.1	40.0	19.8	19.8	3/4-16UNF
10t	222.3	25.4	50.8	127.0	101.6	50.8	25.4	50.8	52.4	26.9	26.9	M24×2
20K	222.3	25.4	50.8	127.0	101.6	50.8	25.4	50.8	52.4	26.9	26.9	1-1/2UNF

### 接线方式



响尾蛇工业

## GBM8H/GH8H

- ◆ 合金钢材质, 镀锌, 单剪梁结构, 胶封, 压向承载 (GH8H)
- ◆ 不锈钢材质, 单剪梁结构, 焊接密封, 压向承载 (GBM8H)
- ◆ GH8H 防护等级 IP67; GB M8H 防护等级 IP68
- ◆ 适用于地磅、汽检线、平台秤、料斗秤及各类电子称重设备

推荐选择型号
250kg-500kg GH8H-C3-xxx-4B
1t GH8H-C3-1t-4B
5000t GH8H-N5-5000t-4B
1-1.5t GH8H-N5-xxx-4B
500kg GBM8H-C3-500kg-3B
1-5t GBM8H-C3-xxx-3B
1-10t GBM8H-N5-xxx-3B
500kg GBM8H-C3-500kg-3B-A1
1-5t GBM8H-C3-xxx-3B-A1
1-10t GBM8H-N5-xxx-3B-A1
500kg 5t 通过 OIML C3 认证 GBM8H
1klb-10klb (500kg-5t) 通过 NTEP A55/B105/B10M 认证
"A1" 表示电流输出, 量程 10000



技术指标	t	0.25/0.5/1/2/2.5/3/5			
		B10S	C3	C4	ASM
额定载荷	klb	0.5/1/2.5/3/5/10			
精度		B10S	C3	C4	ASM
认证		B10S	OIML R60 C3	C4	ASM
最大检定分度数	nmax	III10000 多只	3000	4000	II15000
最小检定分度值	Vmin	Emax/10000	Emax/10000	Emax/14000	Emax/15000
综合误差	%FS	≤ ±0.035	≤ ±0.020	≤ ±0.018	≤ ±0.026
蠕变	%FS/30min	≤ ±0.03	≤ ±0.016	≤ ±0.012	≤ ±0.017
温度对输出灵敏度的影响	%FS/10°C	≤ ±0.03	≤ ±0.011	≤ ±0.009	≤ ±0.013
温度对零点输出的影响	%FS/10°C	≤ ±0.03	≤ ±0.015	≤ ±0.010	≤ ±0.014
输出灵敏度	mV/V	2.0 ± 0.002/2.0 ± 0.004 (H8H)			
输入阻抗	Ω	1000 ± 10	350 ± 3.5		
输出阻抗	Ω	1000 ± 10	351 ± 2.0		
绝缘阻抗	MΩ	≥ 5000(50VDC)			
零点输出	%FS	≤ ±1.0			
温度补偿范围	°C	-10 ~ +40			
允许使用温度范围	°C	-35 ~ +70			
推荐激励电压	V	5 ~ 12(DC)			
最大激励电压	V	150			
安全过载范围	%FS	300			
极限过载范围	%FS	300			
产品防爆标志		Ex ia II C T6 Ga Ex iaD 20 T80			

### 外型尺寸 mm (inch)

尺寸	量程	250kg (500lb)	500kg (1000lb)	1.0t(2kib)	1.5t, 2.0t (4000,5000)	2.5t, 3t	5.0t (10kib)
L	130.0(5.12)	130.0(5.12)	130.0(5.12)	130.0(5.12)	130.0(5.12)	172.0(6.77)	172.0(6.77)
L1	57.12(2.25)	57.12(2.25)	57.12(2.25)	57.12(2.25)	57.12(2.25)	76.2(3.0)	76.2(3.0)
L2	15.50(0.62)	15.50(0.62)	15.50(0.62)	15.50(0.62)	15.50(0.62)	19.10(0.75)	19.10(0.75)
L3	25.4(1.0)	25.4(1.0)	25.4(1.0)	25.4(1.0)	25.4(1.0)	38.1(1.5)	38.1(1.5)
L4	76.2(3.0)	76.2(3.0)	76.2(3.0)	76.2(3.0)	76.2(3.0)	95.3(3.75)	95.3(3.75)
H	31.8(1.24)	31.8(1.24)	31.8(1.24)	35.0(1.41)	44.1(1.72)	44.1(1.72)	44.1(1.72)
H1	25.5(1.0)	25.5(1.0)	27.0(1.0)	31.0(1.2)	36.1(1.42)	36.1(1.42)	40.1(1.57)
H2	14.2(0.55)	14.2(0.55)	14.2(0.55)	14.2(0.55)	20.0(0.78)	20.0(0.78)	20.0(0.78)
W	31.8(1.24)	31.8(1.24)	31.8(1.24)	31.8(1.24)	38.1(1.48)	38.1(1.48)	38.1(1.48)
D	20.5(0.81)	20.5(0.81)	20.5(0.81)	20.5(0.81)	30.2(1.19)	30.2(1.19)	30.2(1.19)
d	1.9(0.075)	1.9(0.075)	1.9(0.075)	1.9(0.075)	20.5(0.81)	20.5(0.81)	20.5(0.81)
M	M12 1/2-20UNF	M12 1/2-20UNF	M12 1/2-20UNF	M12 1/2-20UNF	M20 3/4-20UNF	M20 3/4-20UNF	M20 3/4-20UNF

### 接线方式



响尾蛇工业

## GBM3

- ◆ 不锈钢材质, S 型结构, 焊接密封, 拉向或压向承载
- ◆ 防护等级 IP68
- ◆ 适用于吊钩秤、机改秤、料斗秤等各类电子称重设备



推荐选择型号
500kg GBM3-C3-500kg-3B
1-7.5t GBM3-C3-xxx-6B
通过 OIML C3 认证及 NTEP A55/B105 认证

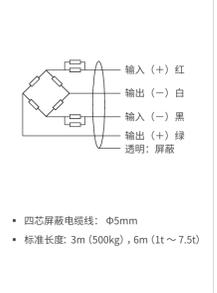


技术指标	t	0.5/1/2/2.5/3/4/5/6/7.5			
		ASM	B10S	B10S	B10S
额定载荷	klb	0.5/1/2.5/3/4/5/6/7.5			
精度		ASM	B10S	B10S	B10S
认证		ASM	III5000 多只	III10000 多只	III10000 多只
最大检定分度数	nmax	3000	5000	10000	10000
最小检定分度值	Vmin	Emax/10000	Emax/15000	Emax/10000	Emax/10000
综合误差	%FS	≤ ±0.020	≤ ±0.018	≤ ±0.035	≤ ±0.035
蠕变	%FS/30min	≤ ±0.016	≤ ±0.012	≤ ±0.030	≤ ±0.030
温度对输出灵敏度的影响	%FS/10°C	≤ ±0.011	≤ ±0.009	≤ ±0.010	≤ ±0.030
温度对零点输出的影响	%FS/10°C	≤ ±0.015	≤ ±0.010	≤ ±0.010	≤ ±0.030
输出灵敏度	mV/V	2.0 ± 0.004			
输入阻抗	Ω	350 ± 3.5			
输出阻抗	Ω	351 ± 2.0			
绝缘阻抗	MΩ	≥ 5000(50VDC)			
零点输出	%FS	≤ ±1.0			
温度补偿范围	°C	-10 ~ +40			
允许使用温度范围	°C	-35 ~ +70			
推荐激励电压	V	5 ~ 12(DC)			
最大激励电压	V	18(DC)			
安全过载范围	%FS	150			
极限过载范围	%FS	300			
产品防爆标志		Ex ia II C T6 Ga Ex iaD 20 T80			

### 外型尺寸 mm (inch)

尺寸	量程	0.5	1.0	2.0-2.5	3.0	4.0	5.0	6.0	7.5
W	32	32	32	32	36	50	50	50	50
M	M12	M12	M20	M20	M20	M24	M24	M24	M24
H	25	25	25	25	25	24	24	24	24

### 接线方式



# 高精度称重传感器



响尾蛇工业

## GH3

- ◆ 合金钢材质，镀锌，S型结构，胶封，拉向或压向承载
- ◆ 防护等级 IP67
- ◆ 适用于吊钩秤、机改秤、料斗秤等各类电子称重设备



推荐选择型号	
25~750kg	GH3-C3-xxkg-3B
1~30t	GH3-C3-xxt-6B
100~750lb	GH3-N10-xxlb-6YB
1~20klb	GH3-N10-xxklb-6YB
100kg~500kg 通过 OIML C3 认证	
100kg/2.5t 通过德国 PTB C3/C4 级测试	
50kg/7.5t (100lb-15klb) 通过 NTEP ASS/B10S 级认证	

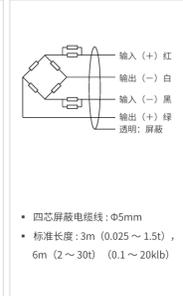


技术指标		0.05/0.1/0.2/0.5/1/1.5/2/2.5/3/5/5/7.5/10/15/20/30				
额定载荷	t	0.025/0.05/0.1/0.15/0.2/0.25/0.3/0.5/0.6/0.75/1/1.5/2/2.5/3/5/5/7.5/10/15/20/30				
	lb	100/150/200/250/300/500/750/1K/1.5K/2K/2.5K/3K/5K/10K/15K/20K				
精度		C3	C4	A5S	B10S	
认证		OIML R60 C3	OIML R60 C4	II5000 单只	III10000 单只	
最大检定分度数	nmax	3000	4000	5000	10000	
最小检定分度值	Vmin	Emax/10000	Emax/14000	Emax/15000	Emax/10000	
综合误差	%FS	≤ ±0.020	≤ ±0.018	≤ ±0.035	≤ ±0.035	
蠕变	%FS/30min	≤ ±0.016	≤ ±0.012	≤ ±0.012	≤ ±0.030	
温度对输出灵敏度的影响	%FS/10°C	≤ ±0.011	≤ ±0.009	≤ ±0.009	≤ ±0.030	
温度对零点输出的影响	%FS/10°C	≤ ±0.015	≤ ±0.010	≤ ±0.010	≤ ±0.030	
输出灵敏度	mV/V	2.0±0.004(公制) 3.0±0.008(英制)				
输入阻抗	Ω	350±3.5				
输出阻抗	Ω	351±2.0				
绝缘阻抗	MΩ	≥ 5000(50VDC)				
零点输出	%FS	≤ ±1.5(公制) ≤ ±1.0(英制)				
温度补偿范围	°C	-10 ~ +40				
允许使用温度范围	°C	-35 ~ +70				
推荐激励电压	V	5 ~ 12(DC)				
最大激励电压	V	18(DC)				
安全过载范围	%FS	150				
极限过载范围	%FS	300				
产品防爆标志		Exia II C T6 Ga		ExiaD 20 T80		

### 外型尺寸 mm (inch)

量程	尺寸	H	L	W1	W	H1	H2	M
25kg~50kg	127	16.1	15.7	14.2	14.2	14.2	14.2	M8
100kg~150kg	76.2	9.8	9.8	9.8	9.8	9.8	9.8	M10×1.5
200kg~750kg	76.2	9.8	9.8	9.8	9.8	9.8	9.8	M12×1.75
1.0t~1.5t	101.6	12.7	12.7	12.7	12.7	12.7	12.7	M12×1.75
2.0t~5.0t	101.6	12.7	12.7	12.7	12.7	12.7	12.7	M20×1.5
7.5t~10t	175	12.7	12.7	12.7	12.7	12.7	12.7	M33×3
15t~20t	230	15.0	15.0	15.0	15.0	15.0	15.0	M42×3
30t	230	15.0	15.0	15.0	15.0	15.0	15.0	M42×3
1000t~3000t	127	15.9	15.9	15.9	15.9	15.9	15.9	1/4-20UNF
500lb	63.5	5.0	5.0	5.0	5.0	5.0	5.0	1/2-20UNF
750lb~1.5klb	76.2	6.3	6.3	6.3	6.3	6.3	6.3	3/4-16UNF
2klb~2.5klb	101.6	7.6	7.6	7.6	7.6	7.6	7.6	1-14UNS
5klb~10klb	139.7	10.1	10.1	10.1	10.1	10.1	10.1	1-14UNS
15klb	177.8	12.7	12.7	12.7	12.7	12.7	12.7	5/4-12UNF
20klb	177.8	12.7	12.7	12.7	12.7	12.7	12.7	5/4-12UNF

### 接线方式



响尾蛇工业

## GH3G

- ◆ 合金钢材质，镀锌，S型结构，胶封，拉向或压向承载
- ◆ 防护等级 IP67
- ◆ 适用于吊钩秤、机改秤、料斗秤等各类电子称重设备



型号选择指南	
50~500kg	GH3G-C3-xxkg-6B
1~7.5t	GH3G-C3-xxt-6B
250~750lb	GH3G-N10-xxlb-6YB
1~15klb	GH3G-N10-xxklb-6YB
20klb	GH3G-N3-20klb-6YB



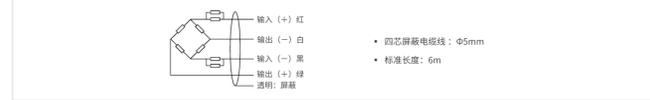
### 技术指标

额定载荷		0.05/0.1/0.2/0.25/0.3/0.5/1/2.5/5/7.5		
	t	50/75/100/150/200/250/500/750/1K/1.5K/2K/2.5K/3K/5K/7.5K/10K/15K/20K		
	lb	C3 A5S B10S		
精度		OIML R60 C3	II5000 单只	III10000 单只
认证		3000	5000	10000
最大检定分度数	nmax	Emax/10000	Emax/15000	Emax/10000
最小检定分度值	Vmin	≤ ±0.020	≤ ±0.018	≤ ±0.035
综合误差	%FS	≤ ±0.016	≤ ±0.012	≤ ±0.030
蠕变	%FS/30min	≤ ±0.011	≤ ±0.009	≤ ±0.030
温度对输出灵敏度的影响	%FS/10°C	≤ ±0.015	≤ ±0.010	≤ ±0.030
温度对零点输出的影响	%FS/10°C	≤ ±0.015	≤ ±0.010	≤ ±0.030
输出灵敏度	mV/V	3.0±0.008		
输入阻抗	Ω	430±60		
输出阻抗	Ω	351±2.0		
绝缘阻抗	MΩ	≥ 5000(50VDC)		
零点输出	%FS	≤ ±1.0		
温度补偿范围	°C	-10 ~ +40		
允许使用温度范围	°C	-35 ~ +70		
推荐激励电压	V	5 ~ 12(DC)		
最大激励电压	V	18(DC)		
安全过载范围	%FS	150		
极限过载范围	%FS	300		
产品防爆标志		Exia II C T6 Ga		ExiaD 20 T80

### 外型尺寸 mm (inch)

量程	尺寸	L	H	W1	W	M	H1
50kg~100kg	50.8(2.0)	63.5(2.5)	12.7(0.5)	16.0(0.63)	M8	14.2(0.56)	10.1(0.40)
500lb~300lb	50.8(2.0)	63.5(2.5)	19.0(0.75)	22.4(0.88)	M12	1/2-20UNF	10.1(0.40)
200kg~500kg	50.8(2.0)	63.5(2.5)	25.4(1.0)	28.7(1.13)	M12	1/2-20UNF	10.1(0.40)
500lb~1.5klb	50.8(2.0)	63.5(2.5)	25.4(1.0)	28.7(1.13)	M12	1/2-20UNF	10.1(0.40)
2.5t	76.2(3.0)	101.6(4.0)	25.4(1.0)	28.7(1.13)	M20×1.5	15.2(0.6)	15.2(0.6)
2.2~2.5klb	76.2(3.0)	101.6(4.0)	25.4(1.0)	28.7(1.13)	M20×1.5	15.2(0.6)	15.2(0.6)
3klb	76.2(3.0)	101.6(4.0)	25.4(1.0)	28.7(1.13)	M20×1.5	15.2(0.6)	15.2(0.6)
5klb~10klb	76.2(3.0)	101.6(4.0)	25.4(1.0)	28.7(1.13)	M20×1.5	15.2(0.6)	15.2(0.6)
7.5t	101.6(4.0)	139.7(5.5)	31.75(1.25)	35.1(1.38)	M24×2	30.1(1.18)	30.1(1.18)
15klb	101.6(4.0)	139.7(5.5)	31.75(1.25)	35.1(1.38)	1-14UNS	31.1(1.22)	31.1(1.22)
20klb	127.0(5.0)	177.8(7.0)	50.8(2.0)	54.2(2.13)	1-1/2-12UNF	39.9(1.57)	39.9(1.57)

### 接线方式



响尾蛇工业

## GH3F

- ◆ 合金钢材质，镀锌，S型结构，胶封，拉向或压向承载
- ◆ 防护等级 IP67
- ◆ 适用于吊钩秤、机改秤、料斗秤等各类电子称重设备



推荐选择型号	
50~750kg	GH3F-C3-xxkg-6T
1~5t	GH3F-C3-xxt-6T
200~750lb	GH3F-N5-xxlb-6YT
1~20klb	GH3F-N5-xxklb-6YT
50kg/5t (200lb-15klb) 通过 NTEP ASS/B10S 级认证	



### 技术指标

额定载荷		0.05/0.1/0.25/0.5/0.75/1/1.5/2/2.5/5		
	t	200/250/300/500/750/1K/1.5K/2K/2.5K/3K/5K/7.5K/10K/15K/20K		
	lb	C3 A5S B10S		
精度		C3	A5S	B10S
最大检定分度数	nmax	3000	II5000 单只	III10000 单只
最小检定分度值	Vmin	Emax/10000	Emax/15000	Emax/10000
综合误差	%FS	≤ ±0.020	≤ ±0.018	≤ ±0.035
蠕变	%FS/30min	≤ ±0.016	≤ ±0.012	≤ ±0.030
温度对输出灵敏度的影响	%FS/10°C	≤ ±0.011	≤ ±0.009	≤ ±0.030
温度对零点输出的影响	%FS/10°C	≤ ±0.015	≤ ±0.010	≤ ±0.030
输出灵敏度	mV/V	3.0±0.008		
输入阻抗	Ω	351±2.0		
输出阻抗	Ω	351±2.0		
绝缘阻抗	MΩ	≥ 5000(50VDC)		
零点输出	%FS	≤ ±1.0		
温度补偿范围	°C	-10 ~ +40		
允许使用温度范围	°C	-35 ~ +70		
推荐激励电压	V	5 ~ 12(DC)		
最大激励电压	V	18(DC)		
安全过载范围	%FS	150		
极限过载范围	%FS	300		
产品防爆标志		Exia II C T6 Ga		ExiaD 20 T80

### 外型尺寸 mm (inch)

量程	尺寸	H	L	W1	W	H1	M
50kg~100kg	50.8(2.0)	63.5(2.5)	12.7(0.5)	16.0(0.63)	M8	14.2(0.56)	M10×1.5
250kg~750kg	50.8(2.0)	63.5(2.5)	19.0(0.75)	22.4(0.88)	M12	1/2-20UNF	M12×1.75
1.0t~1.5t	101.6	12.7	12.7	12.7	12.7	12.7	M18×1.5
2.0t~5.0t	101.6	12.7	12.7	12.7	12.7	12.7	M18×1.5
200lb~300lb	76.2(3.0)	50.8(2.0)	12.7(0.5)	16.0(0.63)	M12	1/2-20UNF	M20×1.5
500lb~1.5klb	76.2(3.0)	50.8(2.0)	12.7(0.5)	16.0(0.63)	M12	1/2-20UNF	M20×1.5
2klb~3klb	101.6	12.7	12.7	12.7	12.7	12.7	M33×3
5klb~10klb	101.6	12.7	12.7	12.7	12.7	12.7	3/4-16UNF
15klb	140.5(5.5)	100.3(4.0)	31.8(1.25)	35.1(1.38)	1-14UNS	31.1(1.22)	1-14UNS
20klb	177.8(7.0)	125.5(5.0)	49.3(1.94)	54.2(2.13)	5/4-12UNF	39.9(1.57)	5/4-12UNF

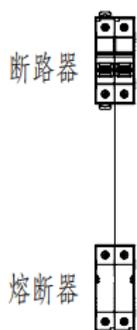
### 接线方式



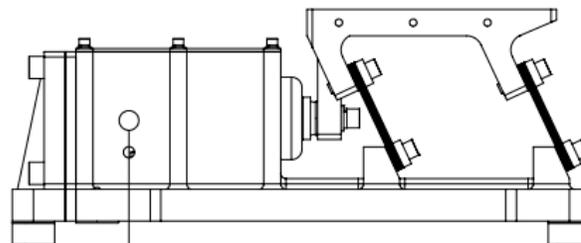
# 高性能振动控制器系统连接



手机、平板电脑、笔记本电脑、西门子PLC控制器



工业振动控制器



电磁振动给料机



# 售前、订货周期及联系方式

PRE-SALES, ORDER LEAD TIME, AND CONTACT INFORMATION

## 售前服务流程

- 1、技术沟通：我们将根据您的工艺需求进行详细的售前技术沟通，以确保我们的解决方案完全符合您的需求。
- 2、选型指导：确定输送量、输送距离、设备安装空间等参数，我们将协助您进行选型，确保完美匹配您的应用场景。
- 3、参数确定：从主要参数页面提供的选项中配合现场实际工艺需求，我们将帮助您确定最适合您需求的参数配置。

## 供货周期

- 1、标准周期：通常情况下，供货周期为4至8周。
- 2、根据订单的具体要求和复杂性，供货周期可能会有所不同。

## 联系方式

联系人：李先生

手机号码：13775200005

公司地址：无锡

[www.xwsgy.cn](http://www.xwsgy.cn)

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## Pre-Sales Service Process

1. Technical Consultation: We provide detailed pre-sales technical consultations based on your process requirements to ensure our solution fully meets your needs.
2. Selection Guidance: We assist with model selection by determining parameters such as conveying capacity, conveying distance, and equipment installation space to ensure a perfect match for your application.
3. Parameter Determination: Based on the main parameters and actual on-site process requirements, we help you determine the most suitable configuration for your needs.

## Lead Time

1. Standard Lead Time: Typically, the lead time is 4 to 8 weeks.
2. Variable Lead Time: The lead time may vary depending on specific order requirements and complexity.

## Contact Information

Contact Person: Mr. Li

Phone Number: 13775200005

Company Address: Xinwu

[www.xwsgy.cn](http://www.xwsgy.cn)

For more information, please scan the QR code on Douyin to follow us and watch demonstration videos.

