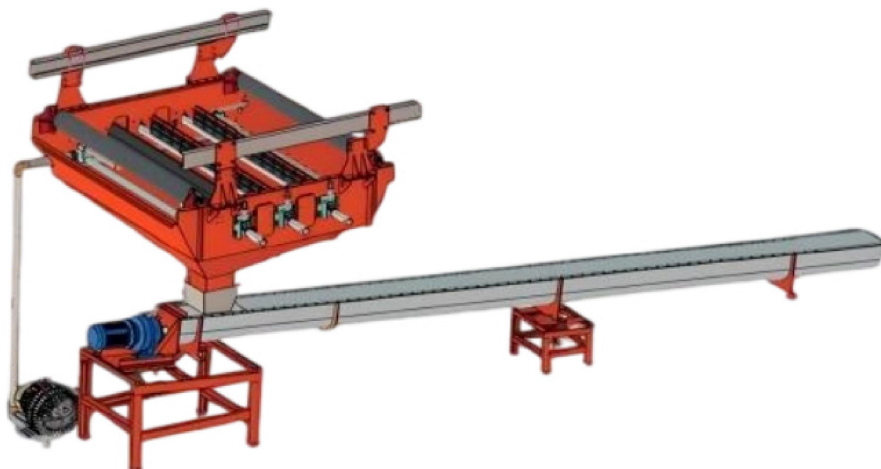


Conveyor parts · Cleaning Box Series

AUTOMATIC AIR-WATER CLEANING BOX

The automatic water and air cleaning box uses water jets, polyurethane scrapers, and air knives for efficient conveyor belt cleaning. It operates autonomously with an intelligent control system, synced with conveyor signals, to remove materials and maintain belt cleanliness. It's commonly used in coal mining, ports, and power plants.



PRODUCT PARAMETERS

Model	FSQX-800	FSQX-1000	FSQX-1200	FSQX-1400	FSQX-1600	FSQX-1800
Suitable Belt Width (mm)	800	1000	1200	1400	1600	1800
Water System Pressure (MPa)	0.6~1.2	0.6~1.2	0.8~1.5	0.8~1.5	1.0~1.8	1.0~1.8
Air System Pressure (MPa)	0.4~0.8	0.4~0.8	0.5~0.9	0.5~0.9	0.6~1.0	0.6~1.0
Cleaning Efficiency	≥ 95%	≥ 95%	≥ 96%	≥ 96%	≥ 97%	≥ 97%
Response Time	≤ 0.5s	≤ 0.5s	≤ 0.5s	≤ 0.5s	≤ 0.5s	≤ 0.5s
Power Supply Voltage	AC220V/AC380V/DC24V	AC220V/AC380V/DC24V	AC220V/AC380V/DC24V	AC220V/AC380V/DC24V	AC220V/AC380V/DC24V	AC220V/AC380V/DC24V
Explosion-proof Grade (Optional)	Exd I Mb/Exd II BT4	Exd I Mb/Exd II BT4	Exd I Mb/Exd II BT4	Exd I Mb/Exd II BT4	Exd I Mb/Exd II BT4	Exd I Mb/Exd II BT4
Operating Temperature	-20~80°C	-20~80°C	-20~80°C	-20~80°C	-20~80°C	-20~80°C
Protection Grade	IP65	IP65	IP65	IP67	IP67	IP67
Installation Position	Return section (1~3m after discharge pulley)	Return section (1~3m after discharge pulley)	Return section (1~3m after discharge pulley)	Return section (1~3m after discharge pulley)	Return section (1~3m after discharge pulley)	Return section (1~3m after discharge pulley)
Material Recovery Method	Screw conveyor / Scraper conveyor	Screw conveyor / Scraper conveyor	Screw conveyor / Scraper conveyor	Screw conveyor / Scraper conveyor	Screw conveyor / Scraper conveyor	Screw conveyor / Scraper conveyor