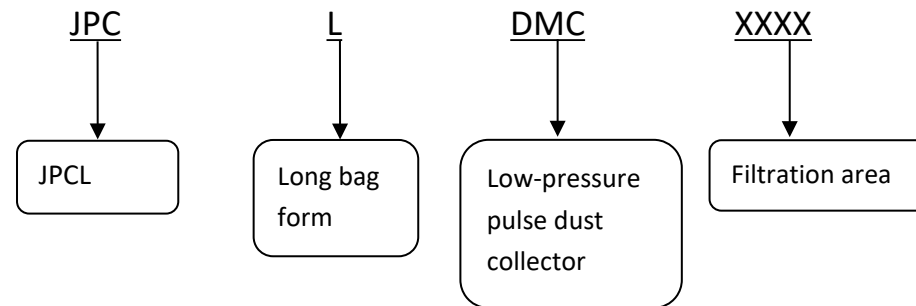


JPCL-Long bag low pulse bag dust collector

Symbol standard

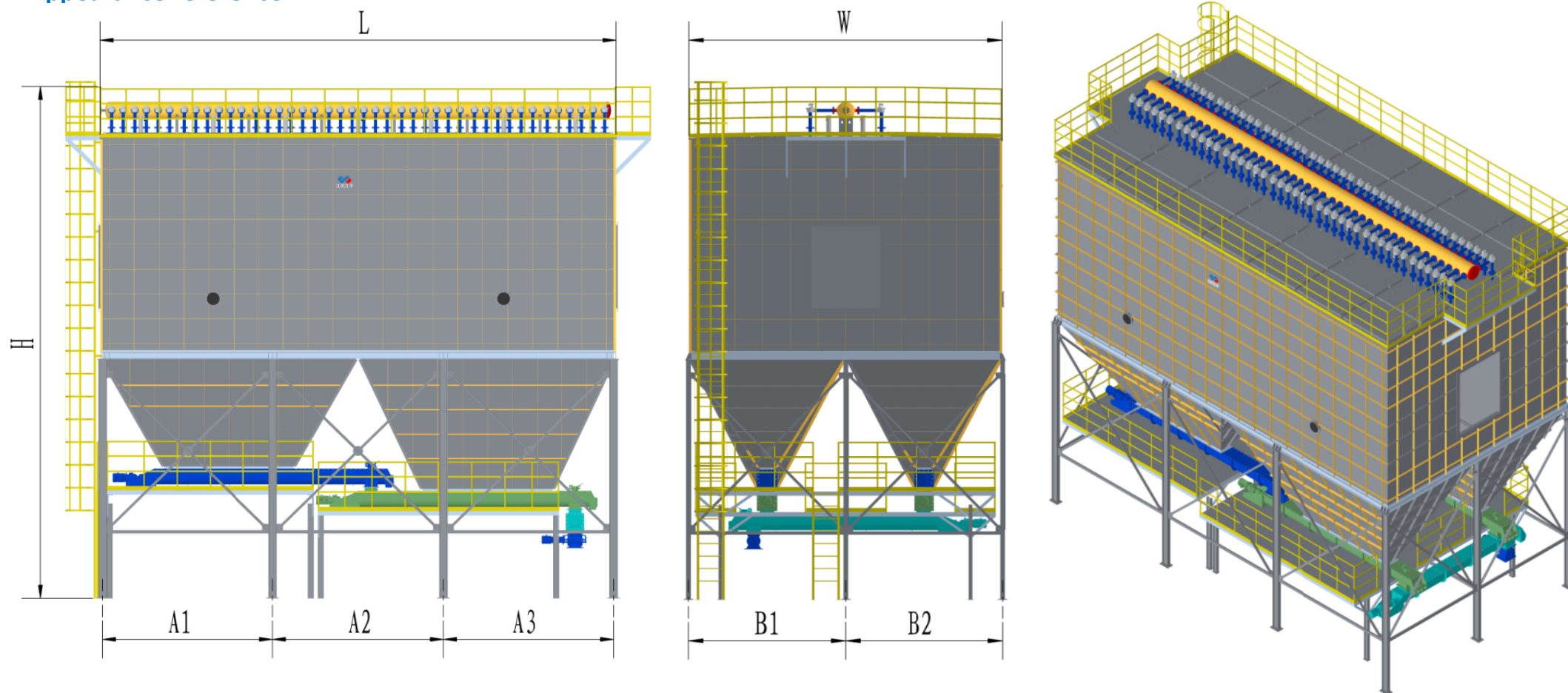


Scope of application

Scope: Widely applied in steelmaking electric furnaces, boilers, calcium carbide furnaces, blast furnace gas purification, coal powder preparation and pneumatic conveying, asphalt concrete production, carbon black, building materials, refractory materials, chemical industry, aluminum electrolysis, aluminum-zinc smelting and other fields.

Advantages: The long-bag pulse dust collector features the strong dust cleaning capacity, high dust removal efficiency, and low emission concentration of the jet pulse dust collector. It is also stable and reliable, with low energy consumption, and is suitable for handling large volumes of flue gas.

Appearance reference



Note: This product is customized to support customization, in order to ensure that your needs can be accurately realized, please dock with our engineers and tailor an exclusive solution.

Technical data

● Standard configuration ○ Optional configuration

Product Model	JPC-LDMC-1850	JPC-LDMC-2300	JPC-LDMC-2800	JPC-LDMC-3700	JPC-LDMC-4600	JPC-LDMC-5500	JPC-LDMC-6500
Filtering Area (m ²)	1850	2300	2800	3700	4600	5500	6500
Airflow Rate × 10 ⁴ (m ³ /h)	16.2	20.7	25.2	33.3	41.4	49.5	58.5
Number of Filter Bags	616	770	924	1232	1540	1848	2156
Filter Bag Specifications (mm)	φ160×6050	φ160×6050	φ160×6050	φ160×6050	φ160×6050	φ160×6050	φ160×6050
Cleaning Method	Offline dust removal	Offline dust removal	Offline dust removal	Offline dust removal	Offline dust removal	Offline dust removal	Offline dust removal
Number of Offline Compartments	4	5	6	8	10	12	14
Leakage Rate (%)	≤2%	≤2%	≤2%	≤2%	≤2%	≤2%	≤2%
Inlet Concentration (g/m ³)	≤30	≤30	≤30	≤30	≤30	≤30	≤30
Emission Concentration (mg/m ³)	5~10	5~10	5~10	5~10	5~10	5~10	5~10
Number of Pulse Valves	44	55	66	88	110	132	154
Temperature Resistance (°C)	≤180	≤180	≤180	≤180	≤180	≤180	≤180
Reference Weight (T)	72	91	110	145	175	210	250
Vibrating Motor	●	●	●	●	●	●	●



Differential Pressure Transmitter	●	●	●	●	●	●	●
Temperature Transmitter	○	○	○	○	○	○	○
Fire Sprinkler System	○	○	○	○	○	○	○
Level Gauge	●	●	●	●	●	●	●
Explosion Venting Device	○	○	○	○	○	○	○
Explosion Isolation Valve	○	○	○	○	○	○	○
Audible and Visual Alarm	○	○	○	○	○	○	○
Screw Conveyor	○	○	○	○	○	○	○
Scraper Conveyor	●	●	●	●	●	●	●
Pneumatic Conveying System	○	○	○	○	○	○	○
COD Online Monitoring System	○	○	○	○	○	○	○
Ash Storage Silo	○	○	○	○	○	○	○
Humidifying Granulator	○	○	○	○	○	○	○
Overall Dimensions L×W×H (mm)	11500×5500×13800	3800×5500×13800	6560×5500×13800	22080×5500×13800	27600×5500×13800	33120×5500×13800	38640×5500×13800

Double-column data

●Standard configuration ○Optional configuration

Product Model	JPC-LDMC-C2×1850	JPC-LDMC-C2×2300	JPC-LDMC-C2×2800	JPC-LDMC-C2×3700	JPC-LDMC-C2×4600	JPC-LDMC-C2×5500	JPC-LDMC-C2×7400	JPC-LDMC-C2×14800
Filtering Area (m ²)	3700	4600	5600	7400	9200	11000	13000	14800

Airflow Rate $\times 10^4$ (m^3/h)	33.3	41.4	50.4	66.6	82.8	99	117	133.2
Number of Filter Bags	1232	1540	1848	2464	3080	3696	4312	4928
Filter Bag Specifications	$\phi 160 \times 6050$	$\phi 160 \times 6050$	$\phi 160 \times 6050$	$\phi 160 \times 6050$	$\phi 160 \times 6050$	$\phi 160 \times 6050$	$\phi 160 \times 6050$	$\phi 160 \times 6050$
Cleaning Method	Offline dust removal	Offline dust removal	Offline dust removal	Offline dust removal	Offline dust removal	Offline dust removal	Offline dust removal	Offline dust removal
Number of Offline Compartments	8	10	12	16	20	24	28	32
Dust Collector Leakage Rate (%)	$\leq 2\%$	$\leq 2\%$	$\leq 2\%$	$\leq 2\%$	$\leq 2\%$	$\leq 2\%$	$\leq 2\%$	$\leq 2\%$
Inlet Concentration (g/m^3)	≤ 30	≤ 30	≤ 30	≤ 30	≤ 30	≤ 30	≤ 30	≤ 30
Emission Concentration (mg/m^3)	5~10	5~10	5~10	5~10	5~10	5~10	5~10	5~10
Number of Pulse Valves	88	110	132	176	220	264	308	352
Temperature Resistance ($^{\circ}\text{C}$)	≤ 180	≤ 180	≤ 180	≤ 180	≤ 180	≤ 180	≤ 180	≤ 180
Reference Weight (T)	140	177	214	284	344	413	492	550
Differential Pressure Transmitter	●	●	●	●	●	●	●	●

Vibrating Motor	●	●	●	●	●	●	●	●
Temperature Transmitter	○	○	○	○	○	○	○	○
Fire Sprinkler System	○	○	○	○	○	○	○	○
Level Gauge	●	●	●	●	●	●	●	●
Explosion Venting Device	○	○	○	○	○	○	○	○
Explosion Isolation Valve	○	○	○	○	○	○	○	○
Audible and Visual Alarm	○	○	○	○	○	○	○	○
Screw Conveyor	○	○	○	○	○	○	○	○
Scraper Conveyor	●	●	●	●	●	●	●	●
Pneumatic Conveying System	○	○	○	○	○	○	○	○
COD Online Monitoring System	○	○	○	○	○	○	○	○
Ash Storage Silo	○	○	○	○	○	○	○	○
Humidifying Granulator	○	○	○	○	○	○	○	○
Overall Dimensions (L×W×H) mm	11500×10300×13800	13800×10300×13800	16560×10300×13800	22084×10300×13800	27600×10300×13800	33120×10900×13800	38640×10900×13800	41400×10900×13800

We've got top tech & experienced logos team. Understand your needs. Contact us for exclusive dust removal plans!

Mobile: +86-19105206010 E-mail: logos@jsjpxhj.com Whatsapp: +86-19105206010 Website: www.jsjpac.com