

**01**

# **Application Introduction of Waste water and Cement Industry**

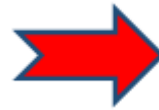
# A Cement Plant in shandong province

Maglev Turbo Blower is used for pulverized coal transportation  
in kiln tail. Power saving **40%**

Before roots blower 185 KW



After Mag suspension blower 90KW



**MAGLEV FUTURE**

**BLOWER TECHNOLOGY**

Item	煤粉输送改造项目 Pulverized coal transportation and reconstruction project	
	before	after
Type	Roots Blower	Maglev Turbo Blower
Power	185 kw	90 kw
Quantity	4	4

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# The data sheet comparison between roots blower and Mag suspension blower

Position	Application	Power of roots blower	Power of Mag suspension blower	Electricity saving/hour	Energy Saving rate
Second stage	Coal transportation at Kiln head	82kW/h (Measured in site)	45kW/h	37 kW	45%
First stage	Coal transportation at decomposing furnace	131kW/h (Measured in site)	75kw/h	56 kW	43%

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# Maglev Turbo Blower—(Chongqing Water Treatment Company)



**Maglev Turbo Blower  
compared to Roots  
Blower,energy saving **40%** ,Noise  
reduction reaches **76.3 dB**  
Sewage water treatment capacity  
is 40000T/day**

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# History of this water treatment plant

This is a treatment factory installed at center of the city, the residents often complained the noisy and the government have talked several times with the manager of the factory to resolve the problem of noisy, after installing our machine in May 2018, They saved **40%** electricity every year and economise **52,000USD** electricity cost, the noisy reduce to less than **80dB** and until today, not any problem of quality problem. The manager of the plant have got a promotion due to this decisions. he have made a special trip to our factory to express the thanks to help him solve the problem of the noisy and the residents nearby haven't complained no longer.



<https://youtu.be/ReF6l6efMJU>

<https://youtu.be/EdHWYCAJDUQ>



บริษัท สยาม อินดัสเทรียล แมชชีนเนอรี จำกัด

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