

is a Hi-tech enterprise, professional in manufacture the metal spinning and forming machines. We have specially developed 6 types of CNC spinning machine and fan duct flanging and punching machines for fan industries.

The spinning for parts in fan industries has many advantages, like saving the raw materials, whole spinning products without welding seam, final products with high accuracy, low cost for molds (molds costs only 10% that for deep drawing), etc. Therefore, our machines are now widely used in fan enterprises. We are the first ones for the development for fan parts spinning in China. And till today, we have sold professional machine to 120 fan companies in China and all over the world.

I. Professional Fan Spinning: Okay1000/ Okay1300/ Okay1600/Okay2000

Okay1000 CNC Fan Spinning Machine



Okay1300 CNC Fan Spinning Machine



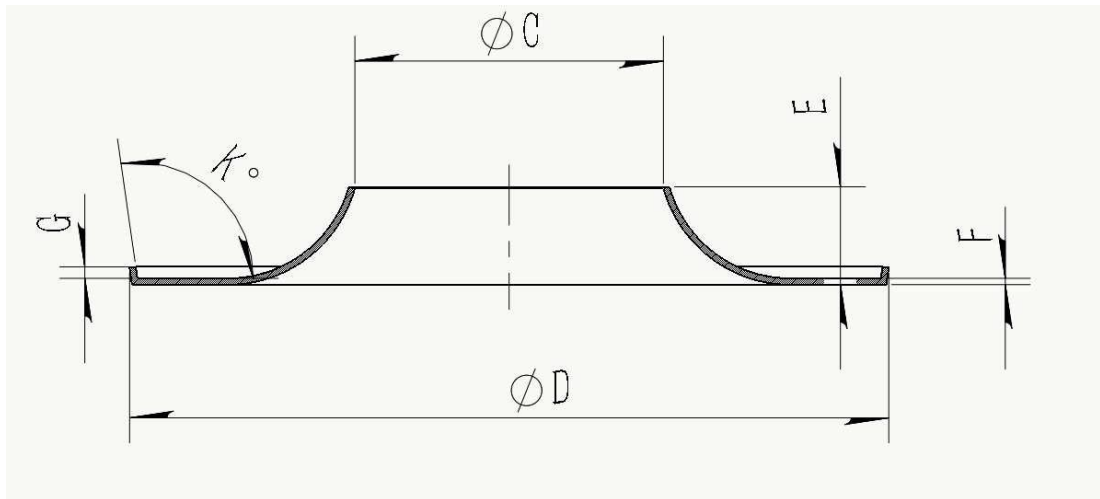
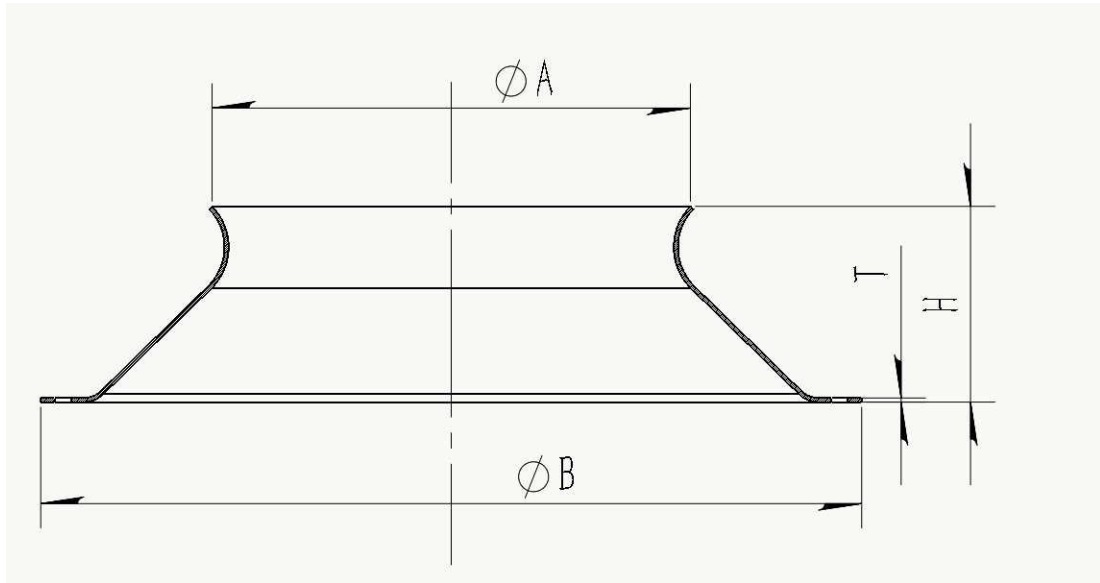
Okay1600 CNC Fan Spinning Machine



Okay2000 CNC Fan Spinning Machine



CNC Spinning machine & CNC Flanging Machine (for fan)



	Okay1000	Okay1300	Okay1600	Okay2000	
Diameter for Raw Material	1050	1350	1650	2050	
A min	120	180	180	200	Have relation to H Max
B max	900	1200	1450	1780	
T max	3.5	5	6	8	
H max	350	450	450	600	
C min	120	180	180	250	
D max	980	1250	1520	1880	Have relation to E Max
E max	350	450	450	600	
F max	3.5	5	6	8	
G max	15	15	15	15	
K	90--180	90-180	90-180	90-180	

Spinning Products for Fan Industry



Steel Air Inlet

Process: Whole spinning forming

Advantage: No welding seam, smooth surface, high accuracy, save raw materials, high efficiency, low cost for molds (comparing with deep drawing), etc.



Aluminum Air Inlet Process:



Whole spinning forming

Advantage: No welding seam, smooth surface, high accuracy, save raw materials, high efficiency, low cost for molds (comparing with deep drawing), etc.



Steel Front Disk

Process: Whole spinning forming

Advantage: Smooth surface, high accuracy shape, high efficiency, low cost for molds (comparing with deep drawing), etc.





Aluminum Front Disk

Process: Whole spinning forming

Advantage: Smooth surface, high accuracy, save raw materials, high efficiency, low cost for molds (comparing with deep drawing), etc.



Aluminum Roof Fan Cap

Advantage: Smooth surface, high accuracy, save raw materials, high efficiency, low cost for molds (comparing with deep drawing), etc.



Housing of Diagonal Fan

Process: Whole spinning forming

Process: Spinning & crimping

Advantage: No welding seam, smooth surface, high accuracy, save raw materials, high efficiency, low cost for molds (comparing with deep drawing), etc.



Housing of Volute Fan

Process: Whole spinning forming

Advantage: No welding seam, smooth surface, high accuracy, save raw materials, high efficiency, low cost for molds (comparing with deep drawing), etc.

Housing of Volute Fan



Steel Roof Fan Cap

Process: Whole spinning forming

Advantage: No welding seam, smooth surface, high accuracy, save raw materials, high efficiency, low cost for molds (comparing with deep drawing), etc.



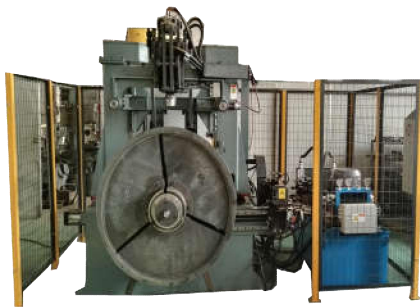
II. CNC Flanging & Punching Machine

We have developed CNC flanging & punching machines: OkayFB2512/ OkayFB2008/ OkayFB1706/ OkayFB1604. They could process straight flanging, arc flanging and auto punching. If assemble the plasma cutting device, it will be very convenient to make connecting flange, etc.

OkayFB1604CNC Flanging & Punching machine



Okay FB2008 CNC Flanging & Punching machine



OkayFB1706CNC Flanging & Punching machine



Okay FB2512 CNC Flanging & Punching machine



3mm Air Duct Flanging&Punching



5mm Flanging&Punching



3mm Arc Flanging&Punching

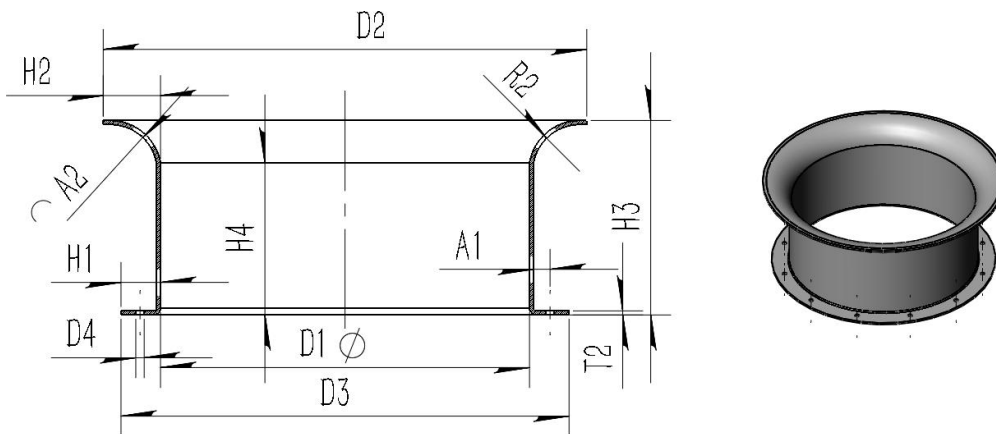


Customer Finished Products

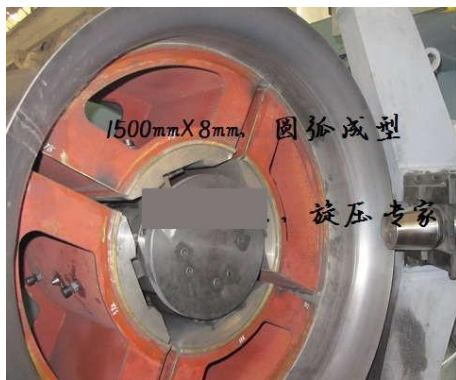


Flanging Detail

CNC Spinning machine & CNC Flanging Machine (for fan)



	OkayFB1604	OkayFB1706	OkayFB2008	OkayFB2512	
<u>D1</u>	<u>350-1600</u>	<u>400-1700</u>	<u>500-2000</u>	<u>350-2500</u>	
<u>D2 max</u>	<u>1700</u>	<u>1800</u>	<u>2160</u>	<u>2650</u>	<u>Have relation to H Max</u>
<u>D3 max</u>	<u>1700</u>	<u>1800</u>	<u>2150</u>	<u>2650</u>	
<u>T2 max</u>	<u>4</u>	<u>6</u>	<u>8</u>	<u>12</u>	<u>Carbon steel</u>
<u>H1</u>	<u>10-60</u>	<u>15-60</u>	<u>20-80</u>	<u>30-90</u>	<u>Have relation to blank ductility</u>
<u>H2 max</u>	<u>80</u>	<u>90</u>	<u>100</u>	<u>100</u>	
<u>H3 max</u>	<u>1250</u>	<u>1350</u>	<u>1500</u>	<u>1500</u>	
<u>H4 min</u>	<u>150</u>	<u>200</u>	<u>350</u>	<u>350</u>	
<u>A1 min</u>	<u>17</u>	<u>17</u>	<u>20</u>	<u>22</u>	
<u>D4</u>	<u>6-18</u>	<u>6-19</u>	<u>8-20</u>	<u>8-20</u>	
<u>R2 min</u>	<u>1.5T2</u>	<u>1.5*t2</u>	<u>1*T2</u>	<u>1*T2</u>	
<u>A2 max</u>	<u>120</u>	<u>120</u>	<u>180</u>	<u>180</u>	<u>Length for arc part</u>



8mm Arc Flange



6mm Straight flange and arc flange



12mm Flanging & Punching



3mm Flanging Detail

III. CNC Spinning & Flanging Machine

OkaySFB2510/3010 CNC Spinning & Flanging Machine.



Diameter: 1000—2500/3000

Thickness: 4-10mm Process:

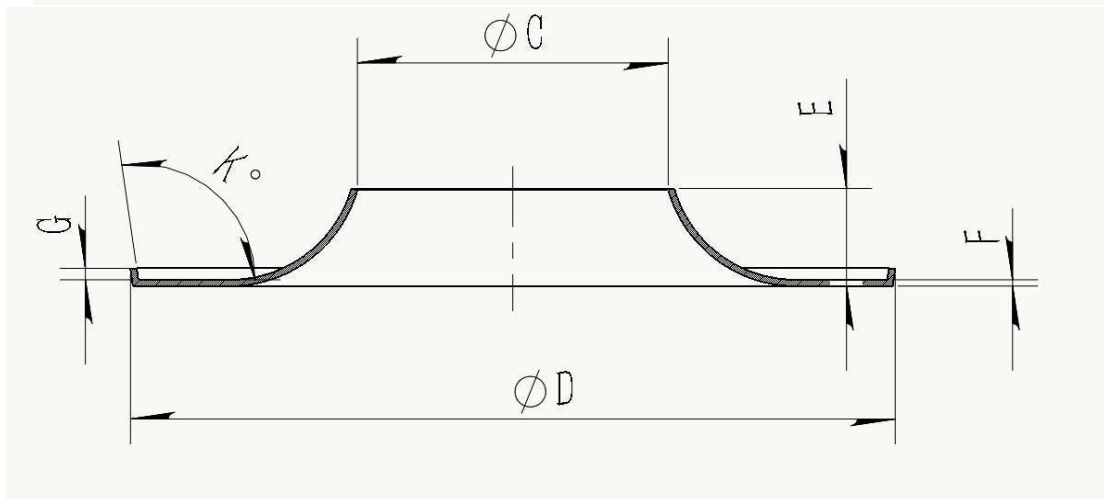
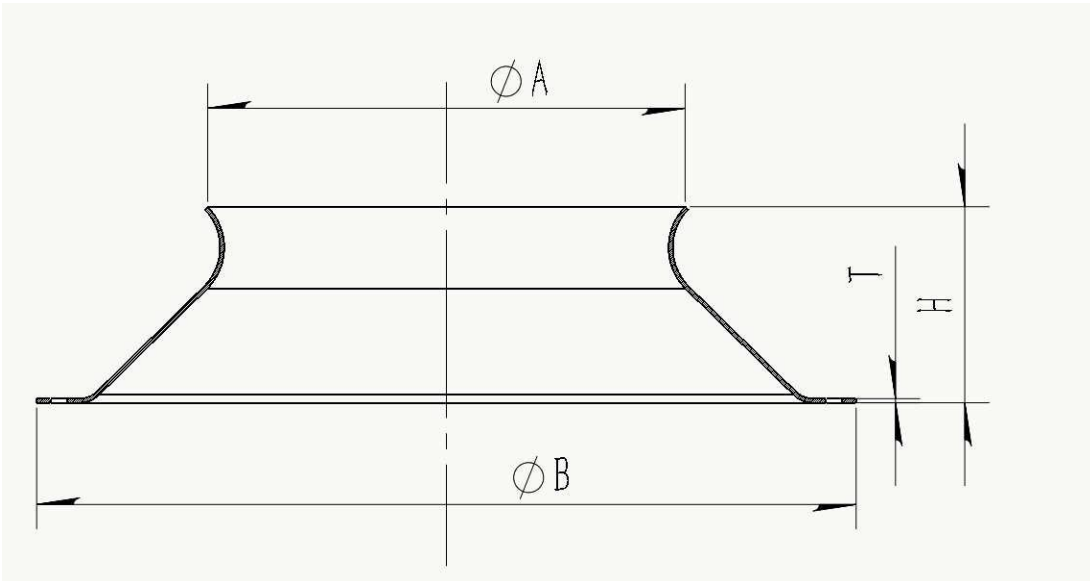
Spinning, Flanging &

Punching

Advantage:· Could spin the arc or straight edge for the flat plate and the cone plate; and could flange for the straight barrel. The process could make without moulds and the shape is controlled by program. The machine could be used for the front disk and air inlet for large fans.



CNC Spinning machine & CNC Flanging Machine (for fan)



A: min 600
C: min 1100
T: 4-10
E 300

B max 2500/3000
D max 2500/3000
H max 650

IV. CNC Punching Machine for The Flange



OkayCK2006 CNC Punching Machine

Diameter: 300--2000

Thickness: 2-6mm

Process: CNC punching for the air inlet & air duct, etc.

Advantage: high efficiency, high accuracy, no burr, accurate and parallel punching, etc.



V. CNC Inner Spinning Machine



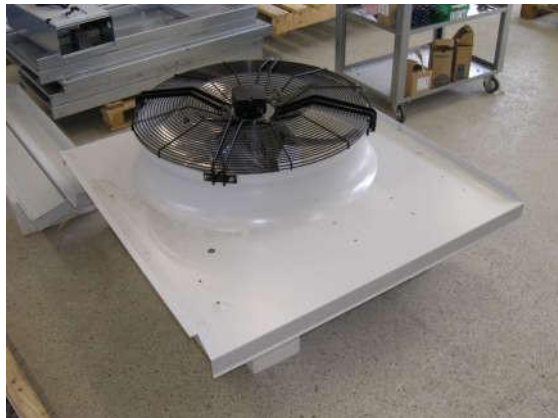
Okay NX1500 CNC Inner Spinning Machine

Diameter for the Inner Hole: 300--1200

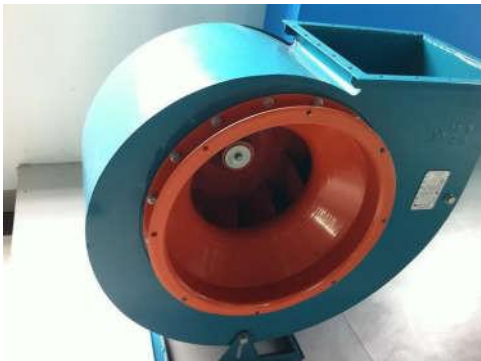
Thickness: 1.5-3 mm

Process: Inner spinning on square plate for fan guide of air-conditioner; air inlets, fan cap, front disk, etc.

Advantage : Fixed raw plate and inner spinning for the straight hole or hole with arc. Low cost for mould and high efficiency.



V. The Spinning & Flanging Products



CNC Spinning machine & CNC Flanging Machine (for fan)



CNC Spinning machine & CNC Flanging Machine (for fan)



Air Inlet Spinning



Air Inlet Spinning



Fan Cap Spinning



Fan Duct Flanging



Fan Duct Flanging



Large Fan Duct Flanging



Fan Duct Punching

Some of the customers in Fan industry:

Shanghai General Fan Co., Ltd.

www.tongyongfans.com

Shanghai Yingda Blower Co., Ltd.

www.Shyingda.com

Luoyang Northglass Taixin Fan Technology Co., Ltd.

www.txjgs.com

Shanghai Grade FE Blower Equipment Co., Ltd.

www.grade-fe.com

Turkey: Blectrl Motors & Fan Systems

www.bahcianmotor.com.tr

CNR Datong Electric Locomotive Con., Ltd.

www.dtloco.com

Malaysia: MASSIVE MANUFACTURING SDN.BHD

www.massivefan.com

Singapore: Kerei Engineering Pte Ltd

www.kerei.com.sg

USA: Attic Breeze Solar Power Ventilation

www.atticbreeze.net

USA: Chicago Blower Argentina

<http://www.chiblosa.com.ar/english/productos/productos.htm>

Guangdong Foshan Living Ventilation Equipment CO., LTD

<http://www.living.net.cn>

Jiangsu Jinyongli Air Conditioning Manufacturing Co., Ltd

<http://www.jyongli.com>

Shanghai hengyuan marine Equipment Co.

<http://www.sh-hengyuan.com>

Taizhou Hujiang Special Equipment Co., Ltd

<http://www.jshujiang.cn>

Shangyu Haobo Mechanical Equipments Manufacture Co., Ltd.

Kazakhstan: Almaty Ventilation Plant <http://www.avzv.kz>

Philippines: Niagara Industrial Equipment Corporation <http://niagarafans.com>

Fujian Huada Electric Co., Ltd. <http://www.21huada.com>

Jiangsu Hengkang Electrical Co., Ltd. <http://www.wqfj.com>

Zi Bo Sheng Da Feng Ji You Xian Gong Si <http://www.shengdafengji.com>

Royal Power (Wuhan) Co., Ltd. <http://www.royalfans.com.cn>

CNC Spinning machine & CNC Flanging Machine (for fan)

Systemair Malaysia www.systemair.my

Russia: Torgovy Dom – Konditerskie izdeliya Morozova www.td-morozov.ru

UAE: Maico Gulf LLC www.maico.ae

Ukraine: “CCK TM”, LTD www.veza.com.ua

Jiangsu Sunbrain Electrics & Science Co., Ltd. <http://www.sunbrain.cn/index.html>

Zhejiang Shangfeng Special Blower Industrial Co., Ltd <http://www.sfgk.com.cn>

Hubei Provincial Blower Works Co., Ltd. <http://www.hbfan.com/>

Nantong Dart Pollrich Fan Co., Ltd. <http://www.dart-pollrich.com>

Russia: AERDYN Aerodynamically Efficient Ventilation Equipment www.aerdyn.ru

Tianjin JinGu Fan Group Co., Ltd <http://www.tjjgfj.com>

Xingtai Qianyou Ventilation Co. Ltd

Shandong Hongye Environmental Technology Co., Ltd <http://www.hongyekj.com/>

YuanDong ShuangCheng Fan (Jiang Su) Co.,Ltd <http://www.dtfj.cn/cn/>

Dongguan Shengfeng Fan Co., Ltd. <http://www.dgsf-fan.com>

Zhengzhou Zhengtong Fan Co., Ltd. <http://www.zhenton.com>

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Welcome for your inquiry by email or phone!

