



www.dawoopd.com

DAWOO DELTA

Die Development & Manufacturing







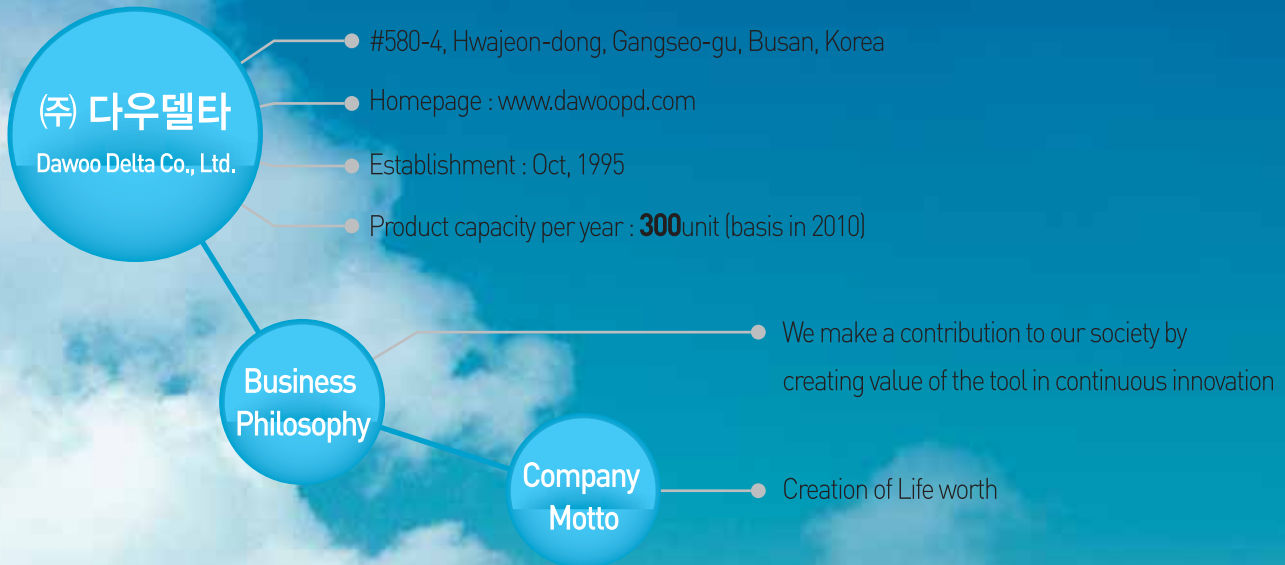
Our first priority is customer satisfaction.
We attach importance to basics, make better
future under technical management.

Dawoo Delta Co., Ltd is a specialized tool maker in press tool industry.
We produce high-grade press tools for the parts of home appliances, automobile,
and precise products.
Since its establishment in 1995, We have concentrated our efforts to developing the
press engineering technology and producing top quality tools for customer
satisfaction.

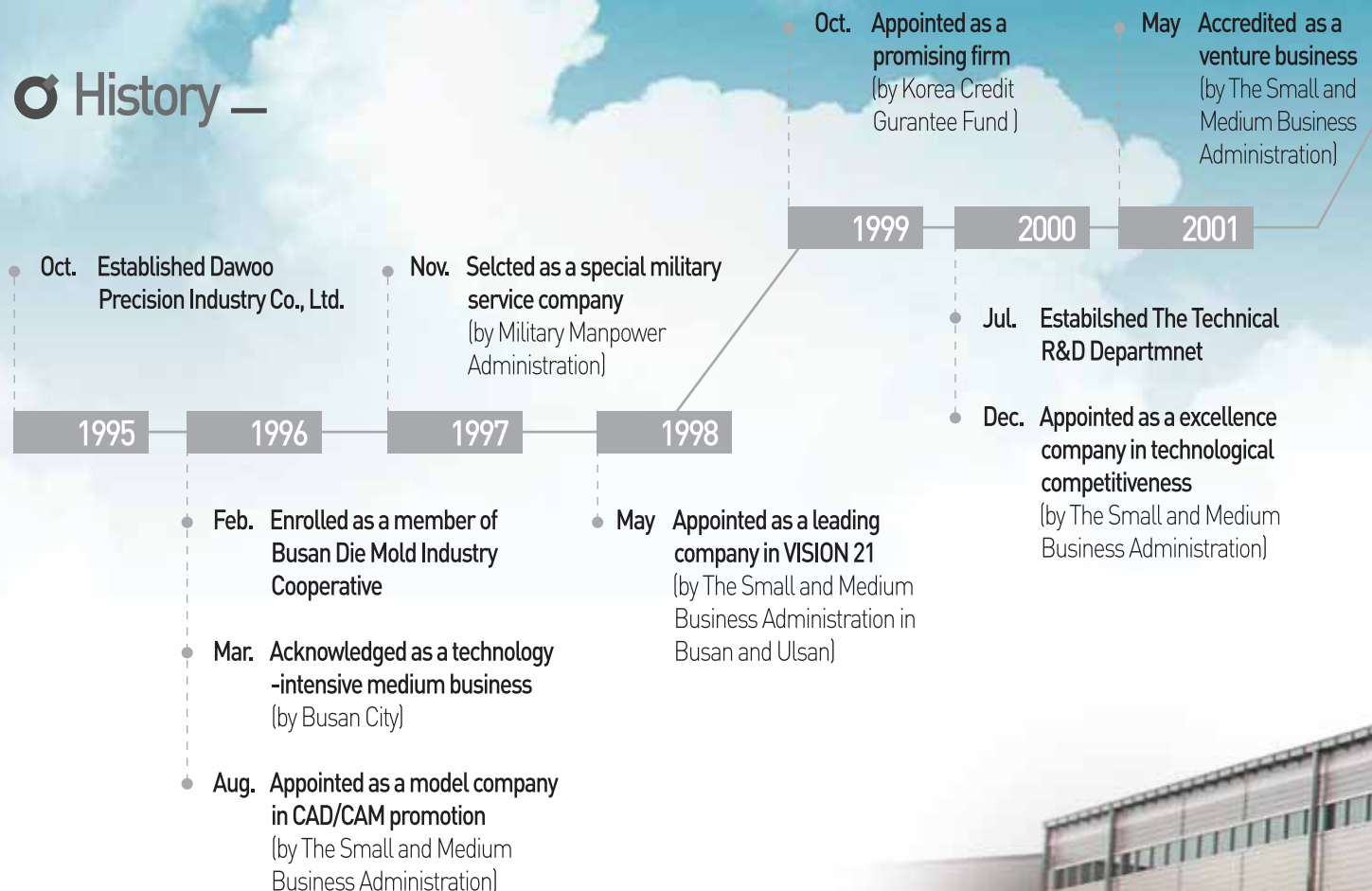
Dawoo Delta is currently in partnership with the world-famous manufacturers in
Japan, Europe, Australia, and USA in addition to domestic market.
We make a promise to do our best efforts to provide trustworthy in continuous
management innovation for our customers.
Thank you.

Company Overview ;

Summary —



History —



○ Certification _



※ The total accumulated exports : USD 30,000,000 (from 2002 to 2010)



Company Overview ;

Machine Spec. —



Manufacturing Facilities —

NO.	FACILITY	MODEL	SPEC.	QT	MAKER
1	STRAIGHT SIDE FRAME CRANKLESS PRESS	DE4P-1000	1000TON	1	(주)SIMPAC
2	HYDRAULIC PRESS	DSHP-500	500TON	1	DONGSIN
3	MECHANICAL PRESS	CD 250	250TON	1	SSANGYONG
4	MECHANICAL PRESS	CS 150	150TON	1	SSANGYONG
5	N/C LEVELER FEEDER	HI-502L	820mm*3.2T	1	HANIL
6	N/C LEVELER FEEDER	ANLF-1600M	1600mm*4.5T	1	A&PINDUSTRY
7	COMPRESSOR	GA30CFF	30HP	1	ATLAS COPCO
8	COMPRESSOR	GA30+	30HP	1	ATLAS COPCO
9	VERTICAL MACHINE CENTER	RB-3N	3000*2000mm	1	SNK
10	VERTICAL MACHINE CENTER	VM960L	2400*960mm	1	DOOSAN
11	VERTICAL MACHINE CENTER	VM925L	2400*925mm	1	DOOSAN
12	VERTICAL MACHINE CENTER	VM84	2400*870mm	1	DOOSAN
13	VERTICAL MACHINE CENTER	NX6500	1050*650mm	1	DOOSAN
14	MILLING MACHINE	DMB-U5S	2100*500mm	1	DOOSAN

NO.	FACILITY	MODEL	SPEC.	QT	MAKER
15	MILLING MACHINE	NSM-A	1100*280mm	1	NAMSUN
16	MILLING MACHINE	PM-2TH	1100*280mm	1	CHANGJO
17	SURFACE GRINDING MACHINE	CGM	450*200mm	1	CHANGHAN
18	SURFACE GRINDING MACHINE	DGS-520MB	450*200mm	1	DAESAN
19	SURFACE GRINDING MACHINE	DGS-1260A	1250*600mm	1	DAESAN
20	RADIAL MACHINE	PRD-1500	1500mm	1	PARKA
21	RADIAL MACHINE	PRD-1500	1500mm	1	CHANGJO
22	TOOL GRINDING MACHINE	TG-46	260*190mm	1	YOUNGJIN
23	DRILLING MACHINE	SMD-410	6Poles	1	SAMCHOLLI
24	DRILLING MACHINE	SMD-410	6Poles	1	SAMCHOLLI
25	DRILLING MACHINE	SMD-360	13mm	1	SAMCHOLLI
26	Coordinate Measuring Machine	Beyond-Crysta-C700	700*1000*600mm	1	MITUTOYO
27	Vision Measuring System	QS-L1020Z/AF	200*100mm	1	MITUTOYO
28	LATHE	HL-380	380*750mm	1	HWACHEON



MODEL	SPEC.	MAKER
RB-3N	3000*2000mm	SNK



MODEL	SPEC.	MAKER
VM960L	2400*960mm	DOOSAN



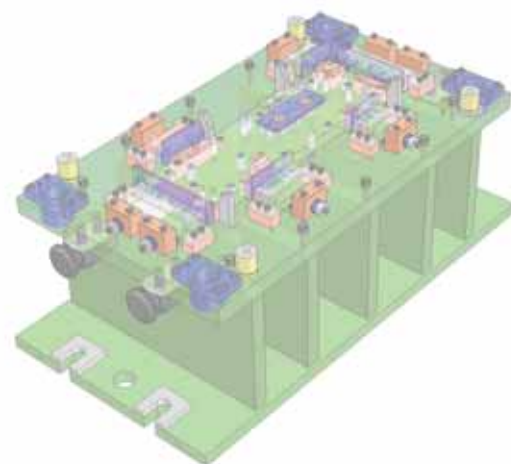
MODEL	SPEC.	MAKER
CD 250	250TON	SSANGYONG



MODEL	SPEC.	MAKER
DSHP-500	500TON	DONGSIN

CAD/CAM system

NO.	S/W	QT	USE	DEPT.	NOTE
1	AUTO CAD R 14	2	FOR TOOL ASSEMBLY	MANUFACTURING TEAM	
2	AUTO CAD 2000 I	4	FOR TOOL ASSEMBLY AND REVIEWING	MANUFACTURING TEAM	
3	AUTO CAD 2006 LT	7	FOR STUDYING & REVIEWING THE DRAWING	TECHNICAL SALES TEAM PLANNING & MANAGEMENT TEAM	
4	AUTO CAD 2007 M	7	FOR TOOL DESIGNING	TECHNICAL R/D TEAM	2D
5	SOLID EDGE	2	FOR TOOL DESIGNING	TECHNICAL R/D TEAM	3D
6	UNI- GRAPHIC-NX7.5	1	MODELING	TECHNICAL R/D TEAM	3D
7	CAMAX CAD/CAM SYSTEM	1	N/C PROGRAMING	MANUFACTURING TEAM	
8	POWERMILL	1	MODELING	MANUFACTURING TEAM	



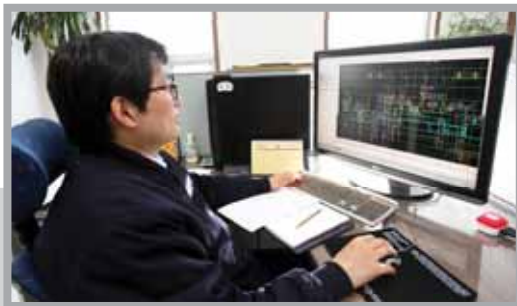
Business ;

Quality Control —

Dawoo Delta does its best efforts to integrate new technology into the existing, so as to improve in quality, reduce lead time, present reasonable price and enhance our competitiveness.

Customers must get 100% satisfaction with the precision machining in the newest facilities and exactitude of assembly process.

Process —



Processing Design

- Agreement on product drawing
- Agreement on specifications, lay-out design
- Setting up tool design and production schedule

Tool Design & Evaluation

- Designing
- Self-examination
- Customer approval
- 2D & 3D – design & modeling

Machining

- Setting up machining process schedule
- Connecting the plan/ CAD-CAM across the LAN
- C.N.C processing using CAM

Assembly

- Inspection of components
- Real-time drawing confirmation through the LAN
- Schedule management(DB)



Major Clients —

• Korea

- LG Electronics Co., Ltd.

• Japan

- HITACHI Air-con. System.
- MITSUBISHI Air-con. System.
- TOSHIBA Air-con. System.
- NITTO CO., LTD.

• Asia, Australia, Europe, North America

- ELECTROLUX
- VESTEL
- TRANE

• USA (automobile parts Maker)

- KEYC-stamps automobile parts for Honda, Toyota and Nissan, GM.
- Precise Eng. Co., Ltd, tool maker for automobile



HITACHI
Inspire the Next

TOSHIBA
Leading Innovation >>

Electrolux



In House Trial

- Trials for each stage to guarantee product quality through the test report
- Improving no good points
- Examining mass-production capacity

Quality Evaluation

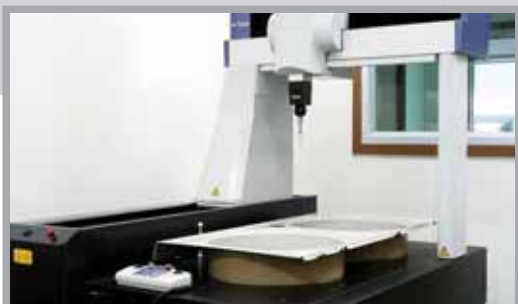
- Sample product measuring
- Customer's approval of measured data
- Reflection of customer's requirements

Customer's Inspection

- Under the same condition of the equipment and production line of customer's, testing the performance and capacity of the tool
- Final approval

Quality Warranty

- Management by continuous contacts with customers
- Building up mutual trust in after-sales quality warranty



Product Line Up ;



🌀 Air Conditioner —



REAR PANEL



BASE OUTDOOR



BASE OUTDOOR



INSTALLING PLATE



TOP COVER



CABINET



MOTOR MOUNT



🌀 Washer / Dryer —



FRONT PANEL



FRONT PANEL



FRONT PANEL



BASE OUTDOOR



BASE OUTDOOR



INSTALLING PLATE



BARRIER



BARRIER



BASE FAN



COVER CABINET(FRONT PANEL)



COVER CABINET(FRONT PANEL)



COVER CABINET(FRONT PANEL)

Product Line Up ;



COVER CABINET(FRONT PANEL)



COVER CABINET(FRONT PANEL)



COVER CABINET(FRONT PANEL)



FRONT PANEL



TOP PANEL



TOP PANEL



DRUM BACK



DRUM FRONT



DRUM CENTER(DRUM BODY)



 Dish Washer —



INNER DOOR(DOOR LINER)



INNER CABINET(INNER FRONT)



INNER CABINET(INNER FRONT)



FRONT PANEL



TOP PANEL



CONTROL PANEL



DRUM ASSEMBLY



REAR PANEL



COVER REAR



COVER REAR(REAR PANEL)



Gas oven range —



PANEL COVER WIRE

Product Line Up ;



BURNER BOX



PROTECTION BOX



PROTECTION BOX



COOK HOP



COOK HOP



COOK HOP(HOP PENNY)



COOL FAN DUCT ASSEMBLY



FAN COVER



CONTROL PANEL



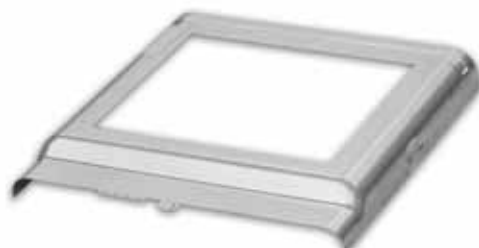
Refrigerator —



BACK PLATE



CAVITY ROOF



CAVITY ROOF



OVEN DOOR INNER



COOK HOP(HOP PENNY)



FRONT FRAME



FRONT FRAME



CONTROL PANEL



CONTROL PANEL



CONTROL PANEL



BACK PLATE



BOTTOM PLATE



COMP. BASE

Product Line Up ;



DOOR PANEL



DOOR PANEL



FRONT/SIDE PANEL



☪ Microwave Oven —



CAVITY ASSEMBLY



☪ Auto parts —



LOWER SPRING SEAT



REINFORCE PARTS



FENDER APRON / PILLAR INNER / REAR FLOOR PARTS



RING/BUSH/CAN PARTS



DRAIN TROUGH



MOTOR BRACKET



HINGE BRACKET & ASS'Y



FRONT PANEL



SEAL PLATE



INNER PLATE



LOWER SPRING SEAT



LOWER SPRING SEAT



LOWER SPRING SEAT



BRACKET PARTS



BRACKET PARTS



BRACKET PARTS

Always meet us anywhere in the world

On the **car** driving in the highway of Colorado desert, U.S. On the **refrigerator** in the ryocaan of Okinawa, JAPAN

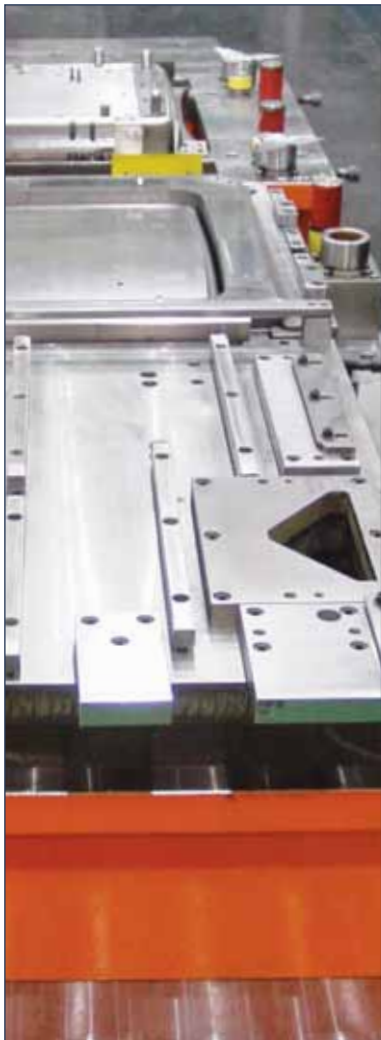
On the **electric oven** in the house of southland, FRANCE. On the **system air-conditioner** in the skyscrpers of Sydney, AUSTRALIA

You can always meet us, Dawoo Delta, anywhere in the world. Enjoy your plenty lifestyle based on the differentiated technology of **DAWOO DELTA**.





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Die Development & Manufacturing



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Die Development & Manufacturing

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