



## TnTech Engineering & Trading

Regional Supplier of CD/DVD Duplication / Printing Machine spare parts & consumables

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## TnTech Engineering & Trading

### About Us:

We are a spare parts and consumables supplier based in Singapore and represented in various parts of South East Asia. We specialized in offset printing, CD/DVD-duplication and CDR/DVDR-manufacturing production spare parts and consumables, including machine servicing, maintenance and repairs. We strive to ensure that our prices are extremely competitive and our products come with the utmost quality.

The following pages, you will find the various products that we carry. Please take a look and contact us if you have any questions or enquiries. Furthermore we are able to source for you hard-to-find parts and consumables as we have various contacts throughout the world.





## Targets

Our thin film sputtering targets are manufactured with the highest possible standard and we provide a wide range of targets for different machines and for different setups.

Types	Material Used
CD-R, DVD-R Reflective Layer Target	Au, Ag, AG Alloy
CD-RW, DVD-RW, DVD-ROM Reflective Layer Target	Al-Ti, Al Alloy
CD-RW, DVD-RW, DVD-ROM Dielectric Layer Target	ZnS-SiO <sub>2</sub>
CD-RW, DVD-RW, DVD-ROM Recording Layer Target	In-AG-Te-Sb, Ge-Te-Sb



Targets	
Type	Models
Singulus Technology	Singulus 1 Singulus 2 Singulus 130 Smart Cathode Metallizers
Toolex Alpha	ODME-SPI OMDE-SPI (Thick)
Balzers	ARQ 900 ARQ 920 ARQ 120 ARQ 131
First Line Technology	FLT Uniline 1000 FLT Uniline 2000 FLT Uniline 3000
NobLer	Nobler (6 holes) Nobler (12 holes)
Tapematic	Tapematic
M2 Engineering	M2T4/T5
Multi Media Masters & Machine Engineering	4MMCL-50



## Masks

<p>Shibaura Stella</p>	
<p>Sing. Focus Cathode (Modified Version)</p>	
<p>Sing. Smart Cathode (Modified Version)</p>	
<p>ARQ131 - Upper Ring - Outer Mask - Inner Mask (pin)</p>	

We are able to source for you other masks setup with different materials as well.  
Please contact us for more information.



Mould



Mould/Mould Parts	
Type	Models
Mould Model	Axxicon - CI / CIV / SR / STD Mould AWM - 3.1 / 3.2 / 3.4 Mould Nessie - CD / CD-R / DVD / DVD-R Kata - P-CD / K-DVD Tenoplas - P-CD / P-CD-R / P-DVD / TS KM - 94(2000) SEIKOH-J-CD
Parts	1) Mirror at fixed/moving side 2) Sprue Bush 3) Punch 4) Stamper Holder Complete / Holder Ring 5) Cutting Bush 6) Caviting Ring

With our various contacts in the industry, we are able to provide servicing and DLC repair to mirrors, sprue bush and stampers. Our services include decoating, lapping, chroming, grinding and coating. However, due to the delicate nature of these parts, it will require a longer lead time.

For the purchase of parts, we are able to source for you used mould parts as well. All used parts are completely refurbished and remanufactured to ensure optimal condition when it reaches you. And at a lower cost!



## UV Lamps

As we know that UV Lamps for curing play a very important role in your production process, we have diligently sourced for the highest quality and compatible UV Lamps for you. And not to worry, we have the best prices for them as well.



UV Lamps (For both CD/DVD/CDR/DVDR & Printing Production)	
Type	Models
Hanky	36/150 Hanky UV Lamp 3 Colour 16/135 Hanky UV Lamp 5 Colour
Guann Yinn	18/150 Guann Way UV Lamp
Leybold/Singulus	Dq2223 UV Lamp
Krauss Maffei	1022 UV Lamp 1322 UV Lamp 1522 UV Lamp
M2	M2 UV Lamp
Steag Hamatech	2026-1 Hamatech UV Lamp
Dubit	Dubit UV Lamp
Fusion	040124 Fusion UV Lamp D 205602 Fusion UV Lamp H
ODME	Philips HOK4/120SE UV Lamp H
Tapermatic	SUVH2022-55 Hoenle P/N: 12923 Hoenle P/N: 15116 Hoenle P/N: 11501 Hoenle P/N: UV 2200CD
Pioneer	HOK20/100 Toshiba SH1002MA USHIO GL-1KW USHIO GL-3KW
Convac	VH-1522/1322



UV Lamps (For both CD/DVD/CDR/DVDR & Printing Production)	
Type	Models
Kamman	M200S M200U 1.8kW / 3.0kW Printex 3849
Metronice	UVH 1524-1
Dubuit - Offset Curing Lamp	6MD2
Dubuit - Offset Screen Station	8MD2
DIC	040124D
Miyakoshi	M04-L41 M03-L31 M02-L21

If you have a model which is not listed on this page, please contact us with the specs or with the name of the machine it is used in and we will try to source it for you. We do source for UV Lamps which are not meant for either optical disc or printing as well, eg for air-cleaners/purifiers or bacteria disinfectants.





## Suction Cups / Suction Pads / Silicon Pad / Teflon Pad

We also have a wide range of suction cups, vacuum pads, silicon pads and Teflon pads for your uses. Just provide us with a sample and we will source the part for you. We have extensive supplier contacts throughout the world who supplies us with these consumables without compromising in quality.



Machines that we have suction cups for:

### a. Printing:

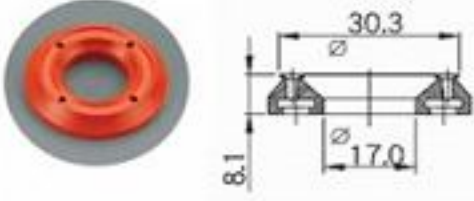
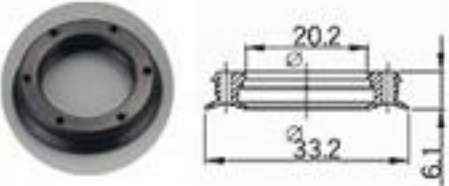
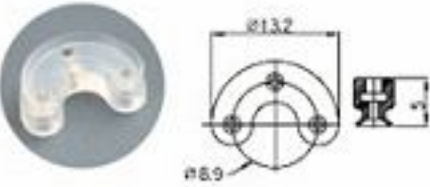
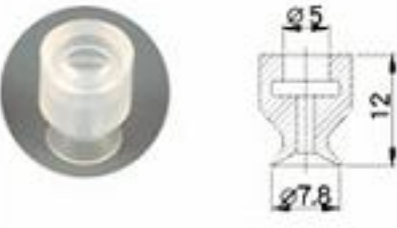

1. Hanky
2. Guann Way
3. Lamin
4. Others

### b. CD / DVD Duplication CDR/DVDR Duplication






1. M2
2. Balzers
3. Others



Below are some of the examples of the suction cups/pads that we carry

AP-SC-003	
AP-SC-004	
AP-SC-005	
AP-SC-009	
AP-SC-015	



AP-SC-016	
AP-SC-017	
AP-SC-018	
AP-SC-019	
AP-SC-027	



The list shown above is just a small sample of what we carry. If you have any other suction cups or vacuum pads, please send a sample to us and we will source it for you. As we get our products from International supplies which specialized in suction cup production, you can be rest assured that the quality of all our suction pads will be guaranteed.

We can also provide you with unique suction cups. Just provide us with the specifications and the type of materials you need and leave the rest to us. Of course, if you are looking at high volume for unique parts, we can offer you further discounts in bulk pricing. We can also do shipment in various quantities to different countries.

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## Filters

<p>Capsule Filter 0.1um Capsule Filter 0.2um Capsule Filter 0.45um</p>	
<p>Lacquer Filter for Singulus Lines -10" long - 5" long</p>	
<p>Lacquer Filter for M2 Lines -10" long - 5" long</p>	
<p>Dye Filter / Solvent Filter for Steag - 0.1um / 0.2um"long - 5" long</p>	
<p>Lacquer Filter for ODME Lines - 5" long</p>	
<p>Lacquer Filter for KM Lines</p>	

The list above is not exhaustive. If you need a filter that is not shown above, please provide us with a sample or the model and we will find it for you.



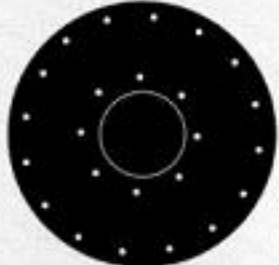

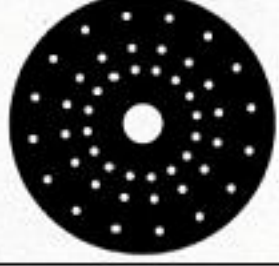


Chemicals

Description	Quantity	Photos
Graphite Alcohol solution	1 Kg/bottle	
UV Lacquer for CD/CD-R	20Kg/drum	
UV Bonding Adhesive		
Stamper Protective Glue	3kg/ bottle	
Leybold pump oil GS32 (Cat no. 17724)	4 L/bottle	
Leybold pump oil N62 (Cat no. 17702)		
Lube Oil for Toyo Molding machines (FS-2)	700 ml/bottle	
Lube Oil for Molding machines (NS2)	200 ml/bottle	
Leybold Lithelen (Cat no. 17644)	50 g/bottle	


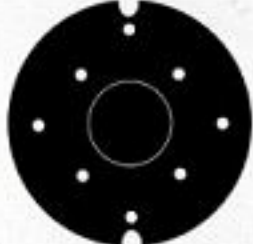


Due to the volatile nature of some of these chemicals, there will be a longer lead time for us to get the supplies ready for shipment.



Printing Pads

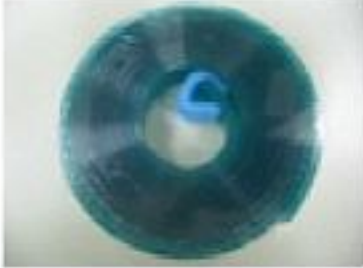


<p>8 + 16 holes •120 mm</p>	
<p>7 + 6 holes 3 circles •120 mm</p>	
<p>48 holes •120 mm</p>	
<p>10 holes 2 circles •120 mm</p>	
<p>13 holes •120 mm</p>	



<p>16 holes •120 mm</p>	
<p>8 holes •120 mm</p>	
<p>48 holes 2 cycles •120 mm</p>	
<p>6 holes •120 mm</p>	



Printing Parts

Squeegee Rubber (75, 80, 85 Hardness)	
Valve 41PP for Hanky Printing	
Valve 31PP for Hanky Printing	
Roller 34C for Hanky Printing	
Valve VAF-PK-4	

As there are numerous parts for printing machines, the list shown above is just a small sample of what we have in stock.



## Vacuum Pump

We can help service and repair vacuum pumps like Alcatel, Leybold, Pfeiffer and Shibaura pumps. If you wish to service the pumps yourself, we do offer service kits and pump seal kits as well.



Leybold TMH-361



Leybold TMH-361



Alcatel ATP-150



Pfeiffer TMH-064



TMH-260



TMH-160



TMH-261