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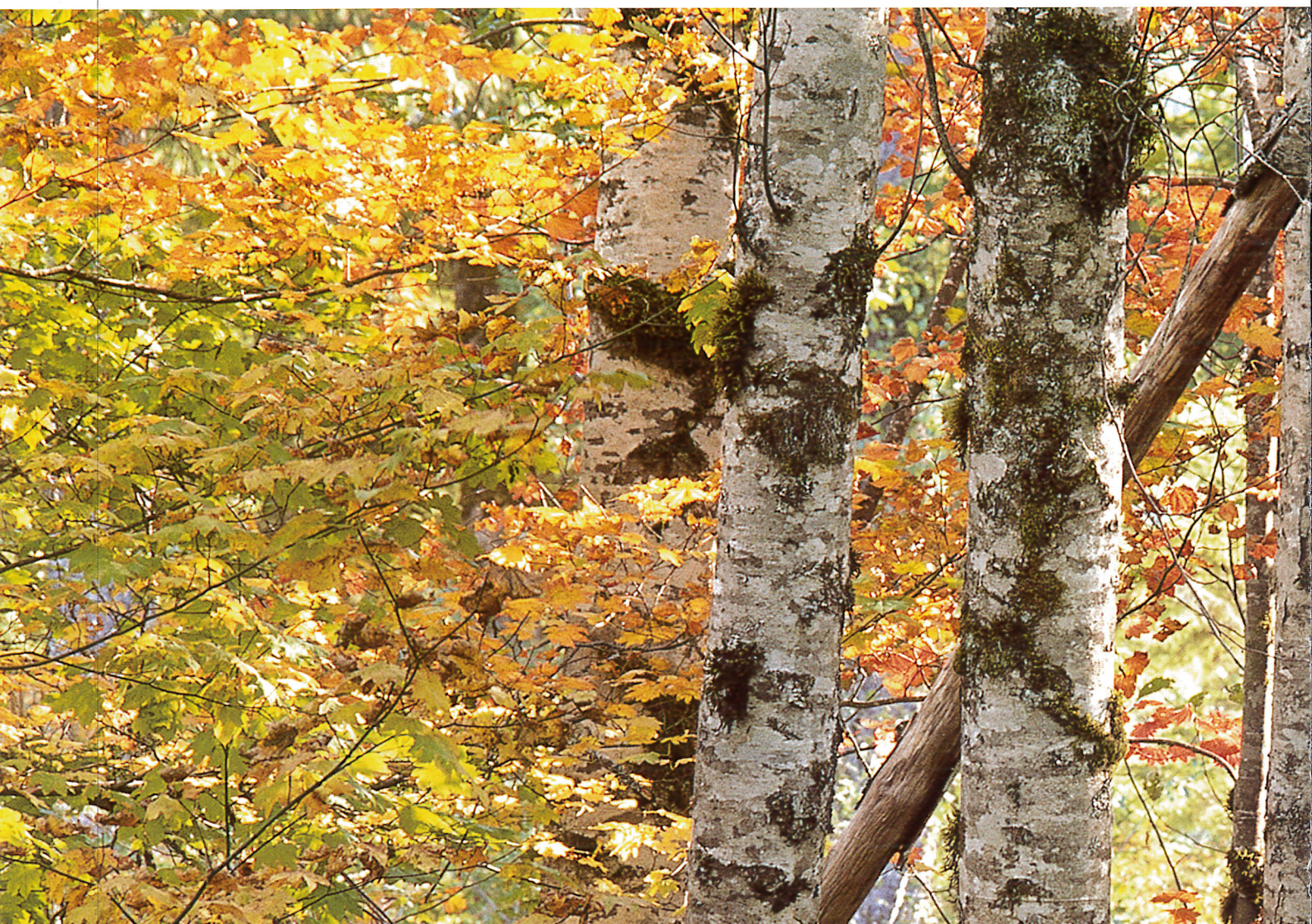
自動仿型鉋邊機

▶ **AUTO COPY SHAPER**



KUO RONG MACHINERY CO., LTD.

國榮機械有限公司



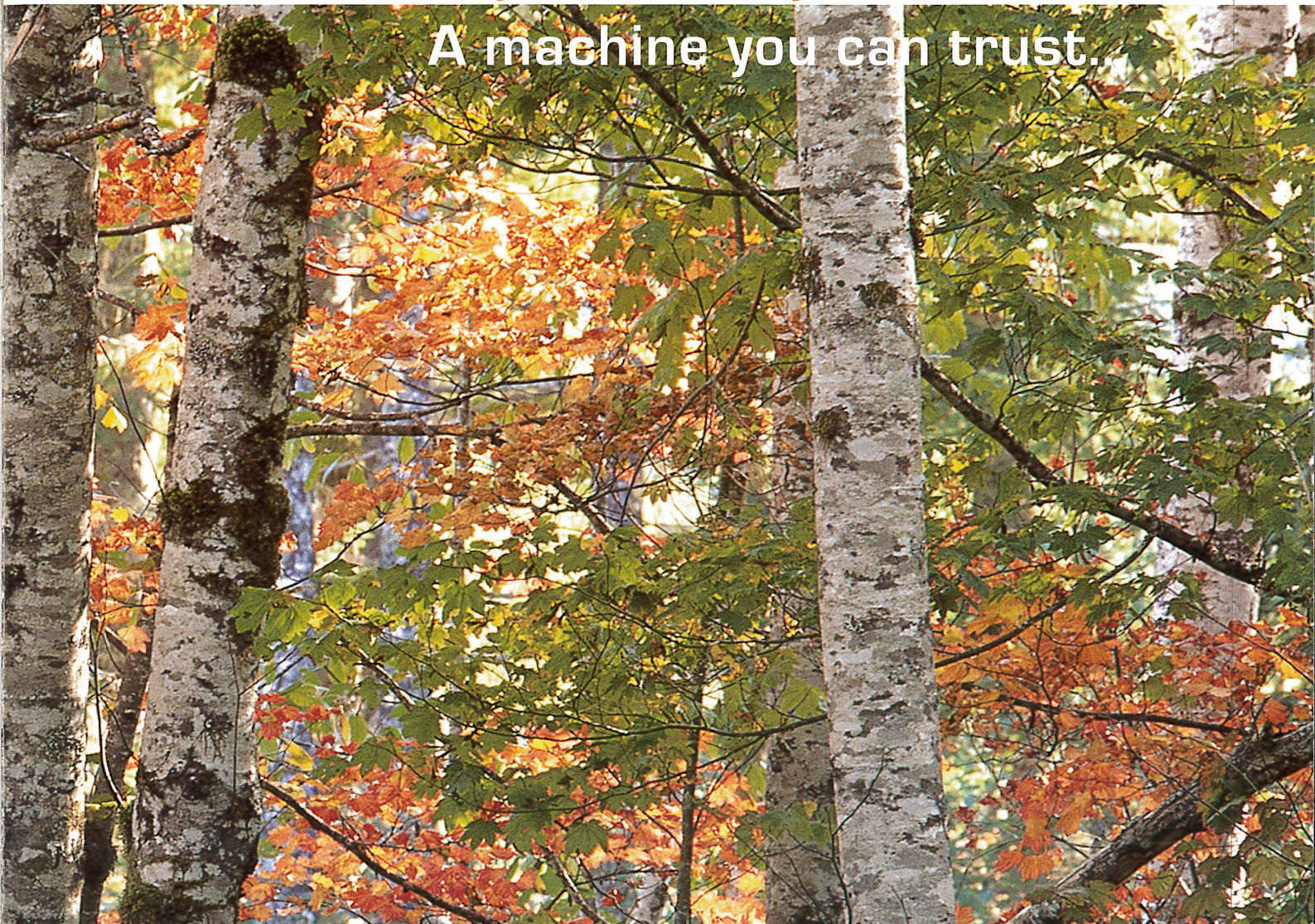
KUO RONG

With KUO RONG'S broad range of automatic copy shaper, you can make sure any part will be produced precisely and fast no matter how complex it may be. KUO RONG'S automatic copy shapers are rigorously engineered, built and tested for maximum dependability of operations year after year, that bring you top quality, structural stability and high accuracy. Profitable operation is assured for years. We have outstanding shaping technology experience-a special background that is at your service to help achieve maximum productivity at lower production cost.

AT KUO RONG, we blend quality, service, experience and latest technology to ensure that our automatic copy shaper measure up to your rigorous standards. So look into KUO RONG, and get the answers you've been looking for.

A brand you can rely on...

A machine you can trust...



自動仿型鉋邊機

AUTO COPY SHAPER

國榮廣泛系列的自動仿型立軸機、將任何複雜曲型工件精密、快速的加工成型。每一部自動仿型立軸機，都歷經嚴格製造、測試、以確保長年操作性能的信賴度。我們矢志為您提供高品質，結構穩定性佳，及優異精度之機械，創造高附加價值的生產。秉持顯赫的成型技術背景，我們將幫您達成高產能，低加工成本的競爭優勢。融合品質、服務、經驗及先進的技術，自動仿型立軸機，將徹底滿足您的嚴格性能標準。**國榮**一個為您解決成型加工問題的信賴夥伴。



KL-100BS

特大自動仿型鉋邊機（附磨砂裝置）

HEAVY DUTY AUTOMATIC COPY SHAPER

KL-60/KL-80/KL-100/KL-120 [Double spindles]

KL-60AS/KL-80AS/KL-100AS/KL-120AS[Double spindles & Single sanding]

KL-60BS/KL-80BS/KL-100BS/KL-120BS[Double spindles & Double sanding]

附中心壓板及多工站自動夾（特大型）
單工作台：雙刀軸雙砂光

Center Clamp and Multiple
Working Station[Heavy Duty Series]
Single table:Double spindles & Double sanding

- 適合各種大型工作物加工。
- 強力主軸刀頭馬達 15HPx1, 10HPx1。
- 工作台採用D.C.馬達轉速無段變速0.4-4RPM。
- 適合各種加工需求。
- 工作台下配置感應開關，確保加工曲型精度。
- 刀頭進給採氣/油壓缸驅動，加工動作平穩。
- 可加裝砂光裝置（選購配備）。
- 採用PLC控制器，機械操控簡易。

- * Designed for big parts machining.
- * Powerful 15 HPx1, 10 HPx1 motor drive.
- * Table is driven by a DC motor providing Variable speed 0.4-4 RPM to suit various cutting conditions.
- * Induction switches under table allows accurate cutting for complicated profiles.
- * Cutter head feed is driven by air / hydraulic cylinder for stable cutting motions.
- * Sanding attachment is optional.
- * PLC controller for convenient operation.

雙圓盤自動仿型鉋邊機

AUTO COPY SHAPER (DOUBLE TABLES)

KL-30

附中心壓板
雙工作台：雙刀頭

- 適合各種中小型工作物加工。
- 強力主軸刀頭馬達。
- 工作台轉速4段變速1.5-4RPM。適合各種加工需求。
- 工作台下配置感應開關，確保加工曲型精度。
- 刀頭進給採氣/油壓缸驅動，加工動作平穩。
- 採用PLC控制器，機械操控簡易。

Center Clamp
Double table: Double cutterhead

- * Designed for middle & small parts machining.
- * Powerful motor drive.
- * Variable table speed 1.5-4 RPM to suit various cutting conditions.
- * Induction switches under table allows accurate cutting for complicated profiles.
- * Cutter head feed is driven by air / hydraulic cylinder for stable cutting motions.
- * PLC controller for convenient operation.





KL-28SF

自動送料仿型機

AUTO COPY SHAPER [WITH AUTO FEED]

KL-28SF/KL-36SF[Single spindle]

KL-28AF/KL-36AF[Double spindles]

中心壓板壓料

單工作台：單刀頭

- 最大加工直徑 Ø6"。
- 強力刀頭馬達。
- 工作台轉速4段變速 1.5-4.0 RPM。
- 工作台下配置感應開關，確保加工曲型精度。
- 刀頭進給採氣/油壓缸驅動，加工動作平穩。
- 可加裝砂光裝置（選購配備）。
- 採用PLC控制器，機械操控簡易。
- 本機針對小型產品，可連續自動加工大量節省人工成本。

Center Clamp

Single table:Single spindle

- * Designed for small part machining.
- * Ø6" circle cutting capacity.
- * Powerful motor drive.
- * 4 steps table speed 1.5-4.0 RPM.
- * Induction switches under table allows accurate cutting for complicated profiles.
- * Cutter head feed is driven by air / hydraulic cylinder for stable cutting motions.
- * Sanding attachment is optional.
- * PLC controller for convenient operation.
- * Auto feed continuously, save manpower massively, and greatly saving machining time.

KL-40-2T

自動仿型鉋邊機（雙刀軸）

AUTO COPY SHAPER [DOUBLE SPINDLES]

KL-28-2T/KL-40-2T/KL-62-2T

KL-28S/KL-40S/KL-62S[附單砂光]

中心壓板壓料

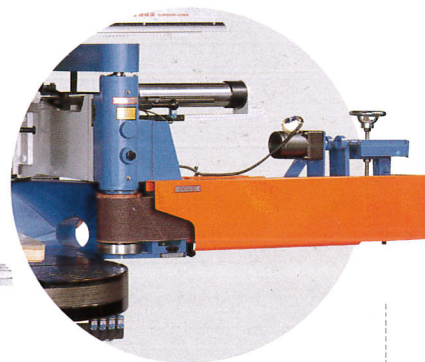
單工作台：雙刀頭

- 最大加工直徑 Ø40"。
- 強力刀頭馬達。
- 工作台轉速4段變速 1.5-4.0 RPM。適合各種加工需求。
- 工作台下配置感應開關，確保加工曲型精度。
- 刀頭進給採氣/油壓缸驅動，加工動作平穩。
- 可加裝砂光裝置（選購配備）。
- 採用PLC控制器，機械操控簡易。

Center Clamp

Single table: Double cutterhead

- * Ø40" circle cutting capacity.
- * Powerful motor drive.
- * 4 steps table speed 1.5-4.0 RPM.
- * Induction switches under table allows accurate cutting for complicated profiles.
- * Cutter head feed is driven by air / hydraulic cylinder for stable cutting motions.
- * Sanding attachment is optional.
- * PLC controller for convenient operation.



砂光裝置（選購配備）

- 適合立軸鉋削後之砂光，高效率、節省加工成本。
- 砂帶採獨立馬達驅動。
- 砂帶可上下擺動，磨砂效果佳。

EDGE SANDING ATTACHMENT [OPTIONAL]

- * Suitable for profiled edge sanding after cut. The attachment provides efficient sanding and saves machining costs.
- * Sanding belt is driven by a separated motor.
- * Sanding belt can be adjusted vertically to suit various workpiece thickness.

KL-22

自動內徑仿型機

AUTO INTERNAL COPY SHAPER

KL-22/KLG-36/KLG-45

中心壓板壓料

單工作台：單刀頭

- 本機適合生產相框、馬桶蓋等。
- 刀頭位在工作台下，適合內徑仿型加工。
- 最大加工直徑 $\varnothing 22"$ 。
- 強力刀頭馬達 7-1/2 HP。
- 工作台轉速4段變速 1.5-4.0 RPM。
- 主軸轉速可調整 9,000或16,000RPM。
- 採用PLC控制器，使工作物刨削順暢，機械操控簡易。

Center Clamp

Single table:Single cutterhead

- * Suitable for producing picture frame, toilet seat.
- * The cutter head is located under the table, allowing for internal copy shaping operations.
- * $\varnothing 22"$ circle cutting capacity.
- * Powerful 7-1/2 HP motor drive.
- * 4 steps table speed 1.5-4.0 RPM.
- * Choice of 9,000 or 16,000 RPM spindle speed.
- * PLC controller assures smooth cutting and convenient operation.





■ 本機適合內外同步加工，同時生產規則形狀的外徑及內徑，節省加工過程時間，主要加工產品如：落地鏡框、時鐘外殼、相框、馬桶蓋...等。

■ This machine is suitable for synchronized cutting for in side and outside diameters that greatly saving machining time. Applicable products include floor mirror frame clock frame, picture frame and toilet seat cover etc.



自動內、外徑同步仿型機

AUTO INTERNAL AND EXTERNAL COPY SHAPER

KLG-22D

中心壓板壓料
單工作台：

- 刀頭位在工作台下，適合內徑仿型加工。
- 強力刀頭馬達 7-1/2 HP。
- 工作台轉速4段變速 1.5-4.0 RPM。
- 主軸轉速可調整 9,000或16,000RPM。
- 採用PLC控制器，使工作物刨削順暢，機械操控簡易。

Center Clamp
Single table:

- * The cutter head is located under the table, allowing for internal copy shaping operations.
- * Powerful 7-1/2 HP motor drive.
- * 4 steps table speed 1.5-4.0 RPM.
- * Choice of 9,000 or 16,000 RPM spindle speed.
- * PLC controller assures smooth cutting and convenient operation.

KL-62

自動仿型鉋邊機

AUTO COPY SHAPER

KL-62/KL-75

中心壓板壓料

單工作台：單刀頭

- 最大加工直徑 Ø62"。
- 強力刀頭馬達 10HP。
- 工作台轉速採用DC直流馬達無段變速 0.4-4 RPM。
適合各種加工需求。
- 工作台下配置感應開關，確保加工曲型精度。
- 刀頭進給採氣/油壓缸驅動，加工動作平穩。
- 可加裝砂光裝置（選購配備）。
- 採用PLC控制器，機械操控簡易。

Center Clamp

Single table:Single cutterhead

- * Ø62" circle cutting capacity.
- * Powerful 10HP motor drive.
- * Table is driven by a DC motor providing variable speed 0.4-4 rpm to suit various cutting conditions.
- * Induction switches under table allows accurate cutting for complicated profiles.
- * Cutter head feed is driven by air / hydraulic cylinder for stable cutting motions.
- * Sanding attachment is optional.
- * PLC controller for convenient operation.



規格 SPECIFICATIONS/

型 式	MODEL	KL-40-2T	KL-40S	KL-62	KL-100BS
最大圓形加工	Maximum cutting circle	40"	40"	62"	100"
最小圓形加工	Minimum cutting circle	3-1/2"	3-1/2"	7"	22"
最大矩形加工	Maximum rectangle	32"x18"	32"x18"	60"x30"	86"x44"
工作台直徑	Table diameter	Ø27"	Ø27"	Ø48"	Ø75"
主軸直徑	Cutter spindle diameter	Ø30 mm	Ø30 mm	Ø30 mm	Ø30 mm
導輪直徑	Follower roller diameter	Ø100 mm	Ø100 mm	Ø100 mm	Ø100 mm
工作台轉速	Table speeds	1.5~4.0 RPM (4 speeds)	1.5~4.0 RPM (4 speeds)	0.4~4.0 RPM (DC)	0.4~4.0 RPM (DC)
主軸轉速	Cutter spindle speed	9000RPM	9000RPM	9000RPM	9000RPM
工作台馬力	Table drive motor	2HP (4speeds)	2HP (4speeds)	2HP (DC)	3HP (DC)
主軸馬力	Cutter head drive motor	7 HPx2	7 HPx2	10HP	10HP x1, 15HP x 1
砂光馬力	Sanding motor		5HPx1		5HPx1, 3HP x1
所需氣壓	Working air pressure required	70PSI(5.0kg/cm ²)	70PSI(5.0kg/cm ²)	70PSI(5.0kg/cm ²)	70PSI(5.0kg/cm ²)
淨重/毛重	Net weight / Gross weight	1,300 /1,500 Kgs	1,400 /1,550 Kgs	1,800/1,900 Kgs	4,850/5,100 Kgs

規格 SPECIFICATIONS/

型 式	MODEL	KL-30	KL-28SF	KL-22	KL-22D
最大圓形加工	Maximum cutting circle	30"	6"	22" (內徑 inside)	22" (內徑 inside)
最小圓形加工	Minimum cutting circle	4"	20 mm	1" (內徑 inside)	1" (內徑 inside)
最大矩形加工	Maximum rectangle	26"x13"		18"x12"	18"x12"
最大圓形加工	Max. outside diameter cutting				36" (外徑 outside)
工作台直徑	Table diameter	Ø18"x2	Ø18"	Ø34"	Ø34"
主軸直徑	Cutter spindle diameter	Ø30 mm	Ø30 mm	Ø30 mm	Ø30 mm (鉋花刀主軸：選購配備)
導輪直徑	Follower roller diameter	Ø100 mm	Ø100 mm	Ø90 mm	Ø90 mm
工作台轉速	Table speeds	1.5~4.0RPM (4 Speeds)	1.5~4.0RPM (4speeds)	1.5~4.0 RPM (4 speeds)	1.5~4.0 RPM (4 speeds)
主軸轉速	Cutter spindle speed	9,000 RPM	9000 RPM	9000RPM/16000RPM	9000RPM/16000RPM
工作台馬力	Table drive motor	1 HPx2	1 HP	2 HP	2 HP
主軸馬力	Cutter head drive motor	7-1/2 HPx2	7-1/2 HP	7-1/2 HP	7-1/2 HPx2
所需氣壓	Working air pressure required	70 PSI (5.0kg/cm ²)	70PSI(5.0kg/cm ²)	70PSI(5.0kg/cm ²)	70PSI(5.0kg/cm ²)
淨重/毛重	Net weight / Gross weight	2,100 /2,300 kgs	850/1,050 kg	1,100 /1,250 kgs	1,400 /1,550 kgs

*本公司對產品規格，設計特性均不斷研究改進，上述規格若有變更，恕不另行通知。

*All specifications, dimensions and design shown in the catalogue are subject to change without prior notice.



國榮機械有限公司

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