

Rubber / Plastic Mixing Mill

橡膠、塑膠混合機

Common Bed Plate Type

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FUNCTIONS:

Designed for mixing and kneading raw rubbers, synthetic rubbers, thermoplastics, E.V.A. and chemicals, ensuring maximum uniformity of material. The processed materials are normally used on calenders, hot presses, or other processing machinery for producing various rubber and plastic products.

功能:

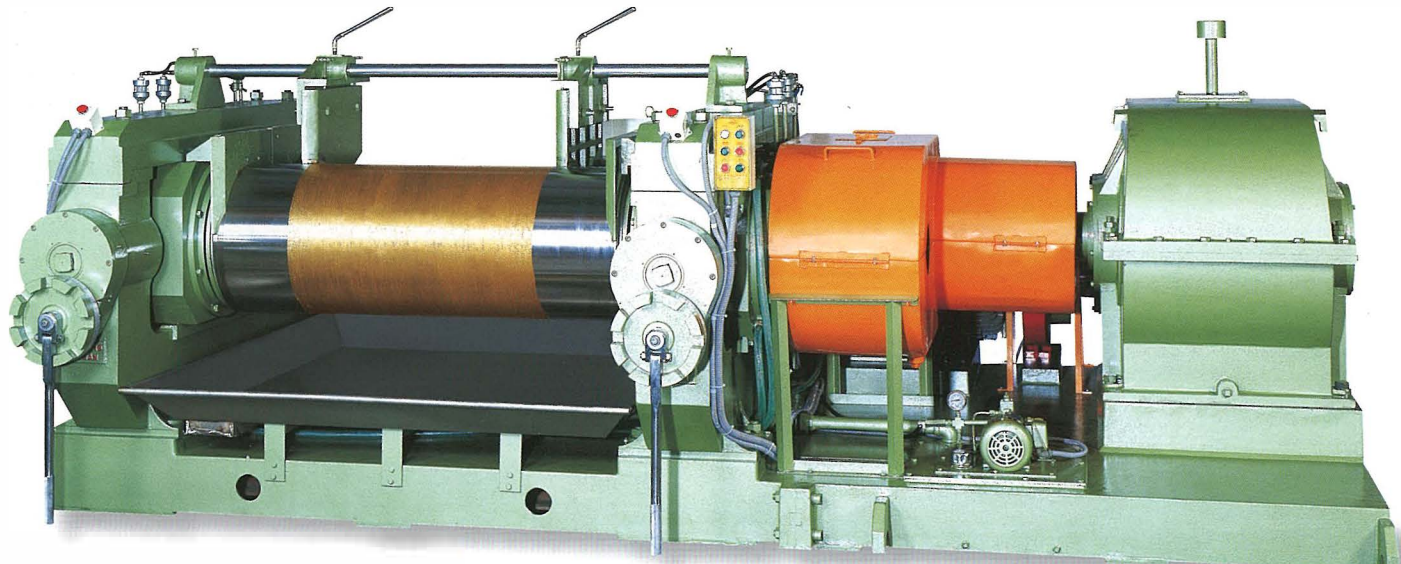
本機適用於混合、捏合生膠、合成橡膠、熱溶膠、E.V.A.、化學藥品等，確保原料之均勻性。加工後之原料可供給壓延機、油壓機、或其他加工機械，生產各種橡膠塑膠製品。

TYPICAL APPLICATIONS

1. Automobile, motorcycle and bicycle tires and tubes.
2. Rubber shoes, soles and heels.
3. Rubber rafts, P.V.C. sheet, artificial leather.
4. Rubber/EVA sponge soles.
5. Rubber rain boots and rain wear.
6. Rubber nipples, sports balls.
7. Rubber rollers, rice rollers.
8. Rubber goods for industry.
9. Rubber goods for automobiles.
10. V-belts and conveyor belts.
11. Rubber cushions.
12. Regenerating rubber.

用途

1. 汽車、機車、腳踏車內胎與外胎。
2. 橡膠鞋、鞋底與鞋跟。
3. 橡皮艇、P.V.C.薄片和合成皮。
4. 橡膠/EVA海綿鞋底。
5. 橡膠雨鞋和雨衣。
6. 橡膠奶嘴、運動球類。
7. 橡膠滾筒、碾米滾筒。
8. 工業用橡膠零件。
9. 汽機車橡膠零件。
10. 三角皮帶和輸送帶。
11. 防震橡膠板。
12. 再生膠。



▲ MB2-3

CONSTRUCTION AND FEATURES

ROLLS: Manufactured from chilled cast iron. Inside rolls are cooled by water or heated by steam.

FRAMES: Manufactured from welded steel plates or high tensile cast iron for maximum rigidity.

BED: One piece construction of welded steel plate or cast iron provides maximum stability.

BUSHING: 1). An oil sealed type bushing.
2). The bearing type bushing is constructed of cast iron housing and high strength bearing at inside diameter.

BUSHING LUBRICATION: Employs automatic circulated lubrication system.

ROLL GAP ADJUSTMENT: 1). Manual gap adjustment is standard.
2). Powered gap adjustment is optional.

REDUCTION GEAR BOX: Three-step totally enclosed gear reducer is driven by bevel gear. Gears are lubricated by self splash lubrications system.

結構及特性

滾筒: 採用冷硬鑄鐵製成。內部可給水冷卻、或蒸氣加熱。

機架: 採鋼板焊接或鑄造製成，結構剛性佳。

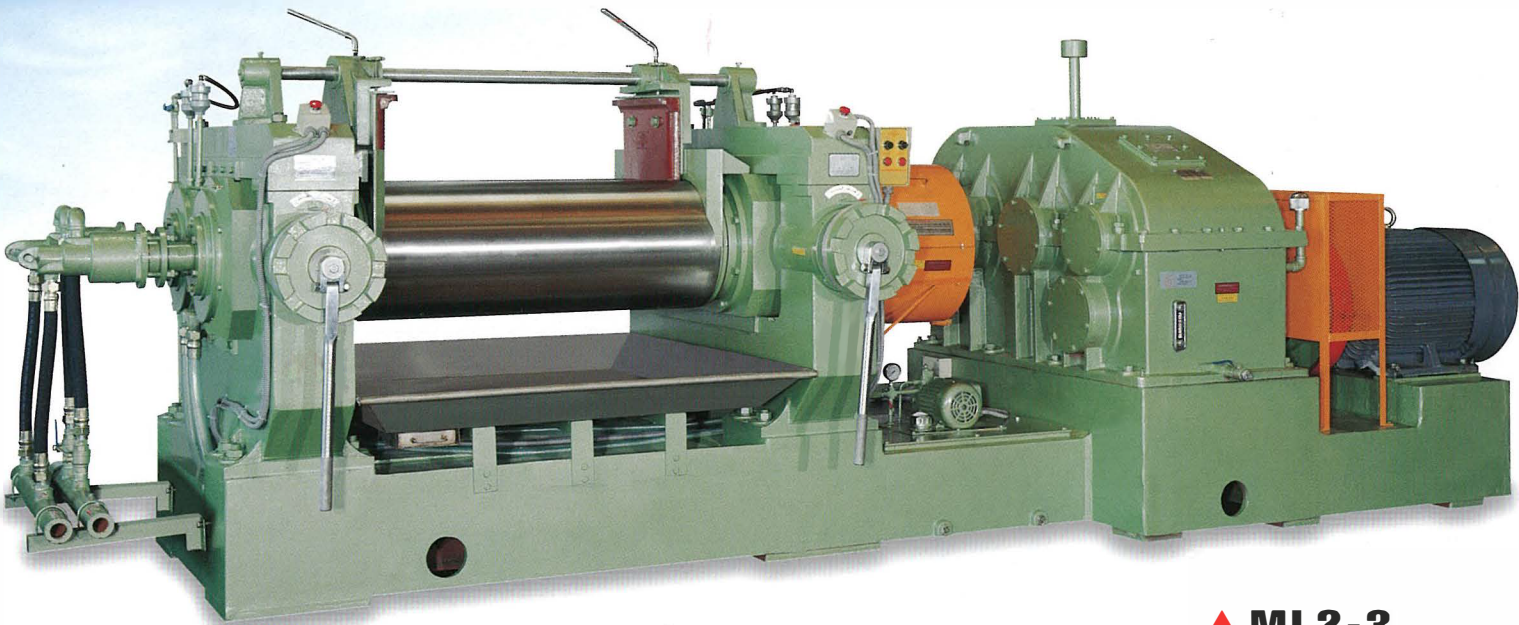
底座: 為一體式結構，採鋼板焊接或鑄造製成，作業穩定性高。

襯套: 1). 油封式襯套，外殼採鑄鐵材質，內襯使用銅套。
2). 軸承式襯套，外殼採鑄鐵材質，內襯為高強度軸承（選購品）。

襯套潤滑: 採用強制循環潤滑系統。

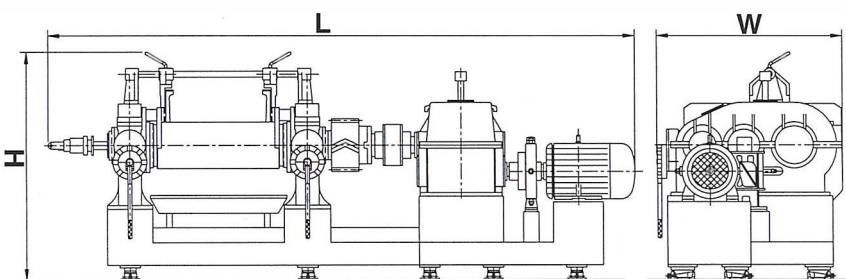
滾筒間隙調整: 1). 手動調整。
2). 電動調整（選購品）。

減速箱: 為三段式全密閉式構造。減速箱內部採用螺旋齒輪傳動，齒輪潤滑方式採自澆方式潤滑。

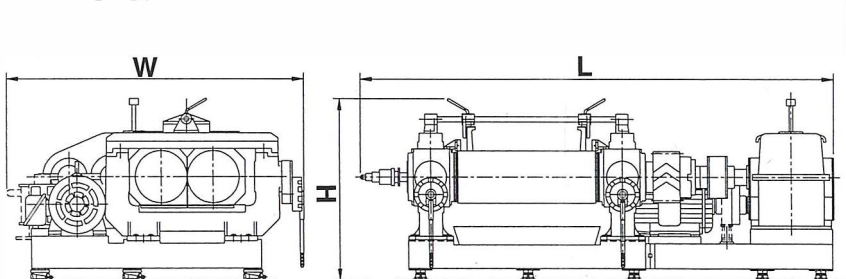


▲ ML2-3

ML2-3 Outline



MB2-3 Outline

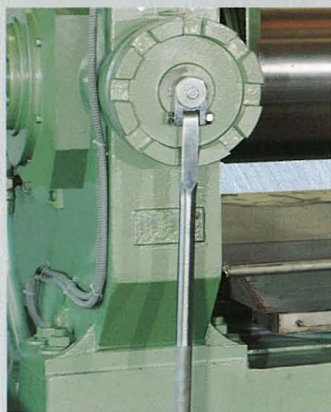


SPECIFICATIONS

機器規格

ITEM 項次	SIZE OF ROLLS 規格	POWER REQUIREMENT 主動力需求	MACHINE OUTLINE L	DIMENSION (APPROX.) W	機器外觀尺寸 mm H
1	10"Ø x 26"L	20 HP	ML 3530	ML 1085	ML 1870
2	12"Ø x 30"L	25 HP	ML 3750	ML 1235	ML 1945
3	14"Ø x 36"L	40 HP	ML 4570	ML 1450	ML 2045
4	16"Ø x 42"L	50 HP	ML 5050	ML 1650	ML 2100
5	18"Ø x 48"L	75 HP	ML 5650	ML 1820	ML 2350
6	22"Ø x 60"L	125 HP	ML 6600 / MB 5200	ML 2200 / MB 3200	ML1600 / MB 1550
7	24"Ø x 72"L	200 HP	ML 7200 / MB 6600	ML 2340 / MB 3800	ML 1900 / MB 1900
8	26"Ø x 84"L	250 HP	ML 9000 / MB 7000	ML 2850 / MB 4000	ML 1710 / MB 1710
9	28"Ø x 90"L	350 HP	ML 8800	ML 2640	ML 1970

GAP ADJUSTMENT DEVICE 間隙調整裝置



SIMPLE TYPE (STANDARD)
簡單式 (標準式)



EFFORTLESS TYPE (STANDARD)
省力式 (標準式)



MOTOR DRIVEN TYPE (OPTIONAL)
電動式 (選購配備)

The gap between rolls is power adjusted by an independent motor drive for convenient, fast adjustment. Gap adjustment amount is indicated on a meter.
滾筒間隙採用電動式調整，以獨立馬達驅動，提供方便，快速的間隙調整。調整量可由刻度錶指示。

BRAKE 煞車裝置



STANDARD BRAKE 標準型煞車

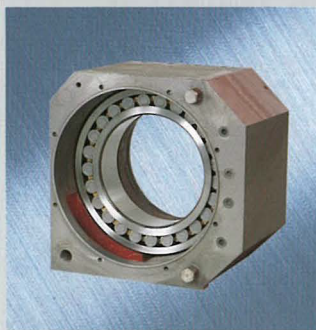
This braking system utilizes counterweight actuated brake motions. Simplified construction while providing positive braking. 採用重錘作動煞車，結構簡單，煞車動作迅速、犀利。



MAGNETIC BRAKE (OPTIONAL)
電磁式煞車 (選購配備)

When the brake actuates, the rollers stop immediately, reverse run, then stop to release the emergency condition. 當煞車起動時，滾筒瞬間停止並強制反轉、反轉後即停止，解除緊急情況。

OPTIONAL ACCESSORIES 特殊配件



BEARING BUSHING 軸承式襯套

The bushing is fitted with a special bearing for great precision accuracy, smooth running performance and maximum durability. 採用特殊軸承，確保高精度，運轉順暢。



DRILLED ROLL 鑽孔式滾筒

It provides fast heating on roll surfaces, minimum temperature difference, uniform temperature distribution. 滾筒表面溫控迅速，溫差小。可確保均勻的溫度分佈。

OPTIONAL ACCESSORIES 特殊配件



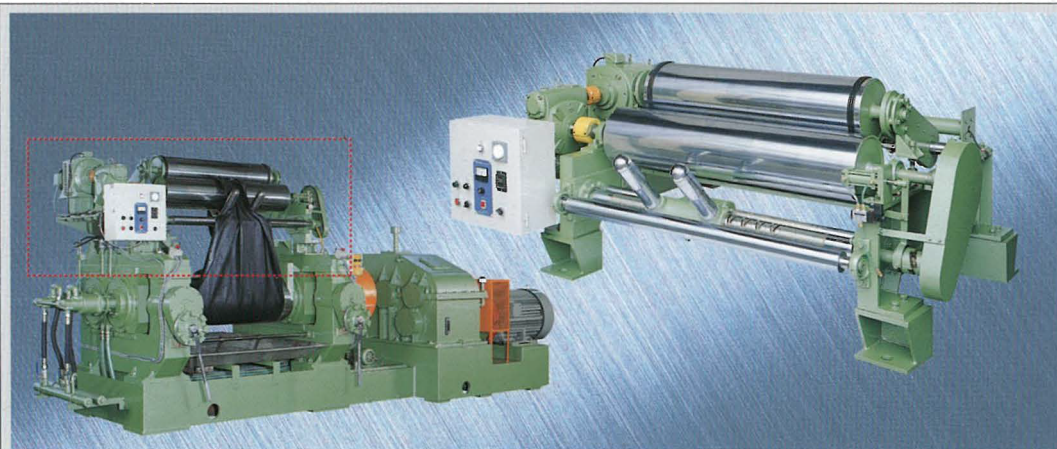
HYDRAULIC MATERIAL SHIFTING DEVICE (OPTIONAL)
油壓活動界 (選購配備)

The right and left shifting devices are hydraulically adjusted for convenience and time saving. 左右兩側開板採油壓方式做移動調整，方便操作省力、省時。



ROLL COOLING/HEATING SYSTEM
滾筒冷卻/加熱機構

When the machine is applied for mixing rubber materials, the system delivers cooling water to the rolls. When applied for mixing plastic materials, the system can deliver steam for heating the roll surfaces. 使用於橡膠原料混合作業時，可經由此機構輸送冷卻水或蒸汽至滾筒。提供滾筒表面加熱功能。



STOCK BLENDER (OPTIONAL) 翻料機 (選購配備)

The automatic, effortless material turnover design not only ensures maximum uniformity of mixed material, but also greatly upgrades working efficiency. 自動化，省力化的翻料設計，除了確保原料之均勻性，並可提升加工效率。