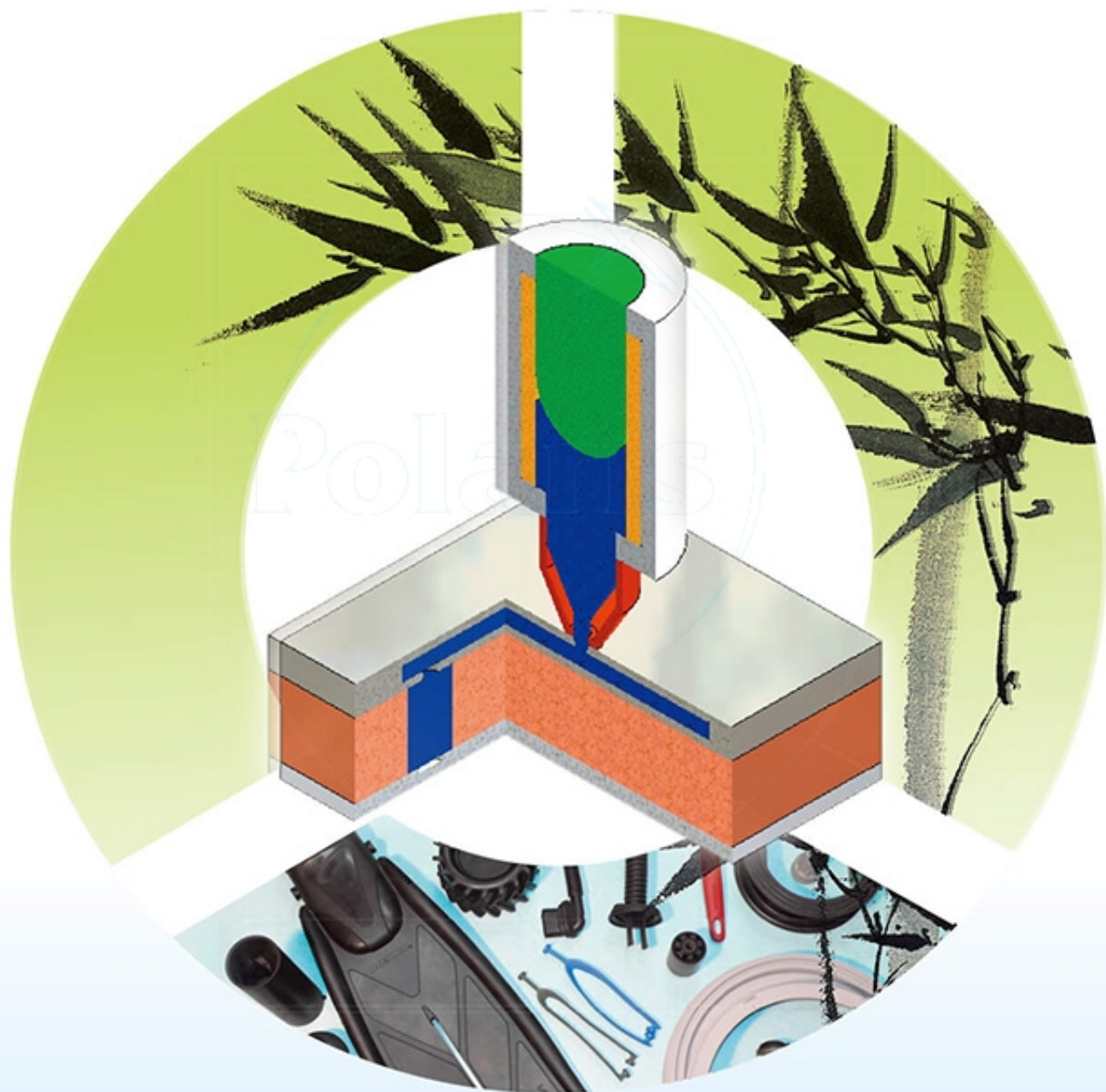


INJECTION

series

Rubber/Silicone
Injection
Molding
Machine



LIN CHENG TECHNOLOGIES CO., LTD.

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橡/矽膠 射出

射出成型方式是目前以低作業成本生產橡/矽膠產品最有效率的方法。使用射出機台，備料簡單容易。射出成型機將膠料經由送料螺桿將料依所設定的數值，將料送入射缸。當機台合模後，射缸會將料注入模槽內，之後進行加硫作業。膠料經由螺桿送料及射缸的預溫過程，有效降低膠料黏度使射料更易並減少硫化時間。

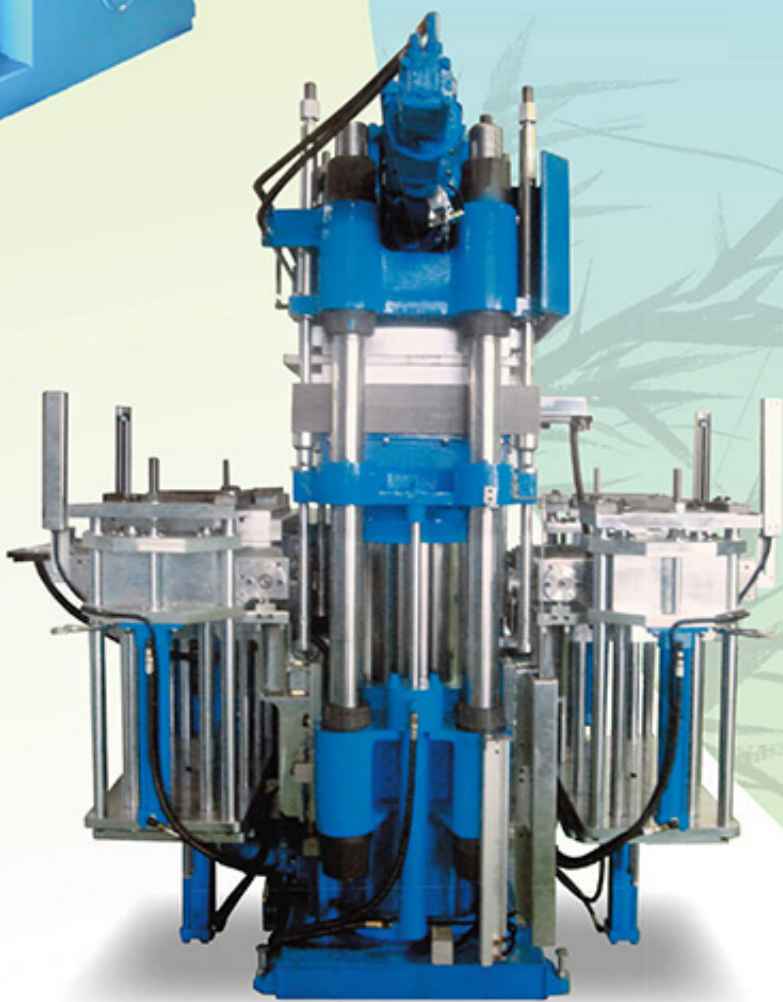


IRH-SU

上升-下降開模橡膠射出成型機
Up-Down mold-open rubber
injection molding machine

IRH-S3S

3RT開模雙邊出模橡膠射出成型機
3RT mold-open Shuttle sides
rubber injection molding
machine



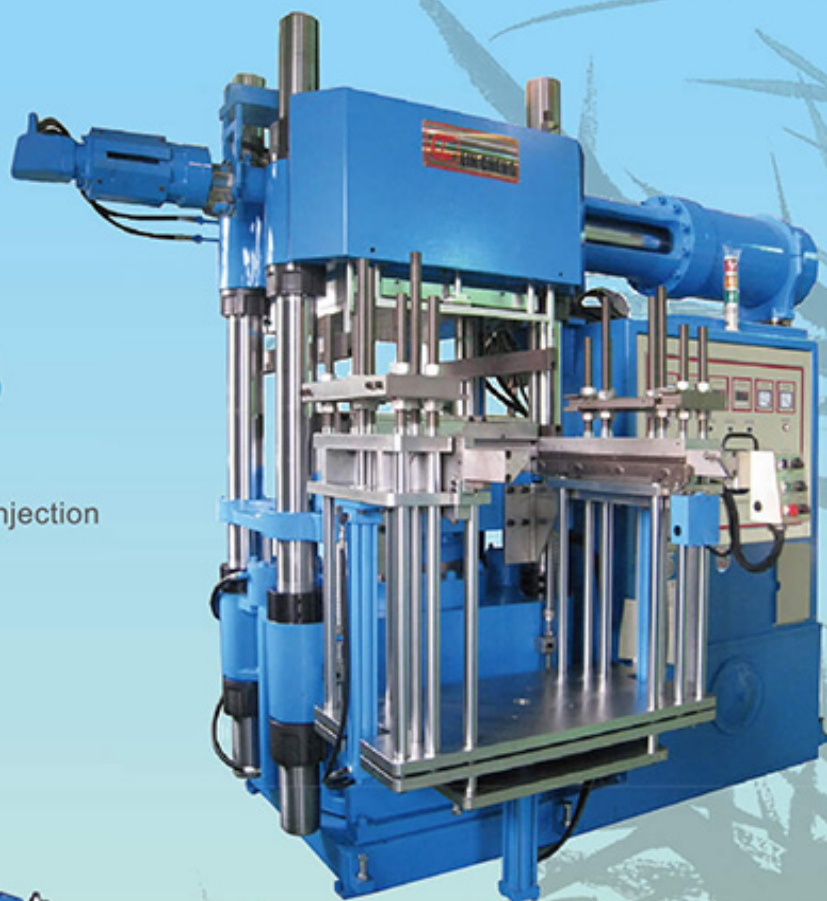
RUBBER / SILICONE INJECTION MOLDING

Injection molding is the process the most efficient way and low operating costs to mold rubber / silicone than other molding methods. Injection molding starts with more efficient material preparation. The material strip is fed through a screw which charges to a barrel in the volume with a pre-defined amount of material. When the mold is

closed, the material in the barrel will be injected into the mold cavities and then cured. The injection screw rotates and barrel pre-heats the material before forcing the rubber into the cavities. It is efficiently lower down the viscosity of the material, allowing it to flow more easily into the cavities and cure time decreased.

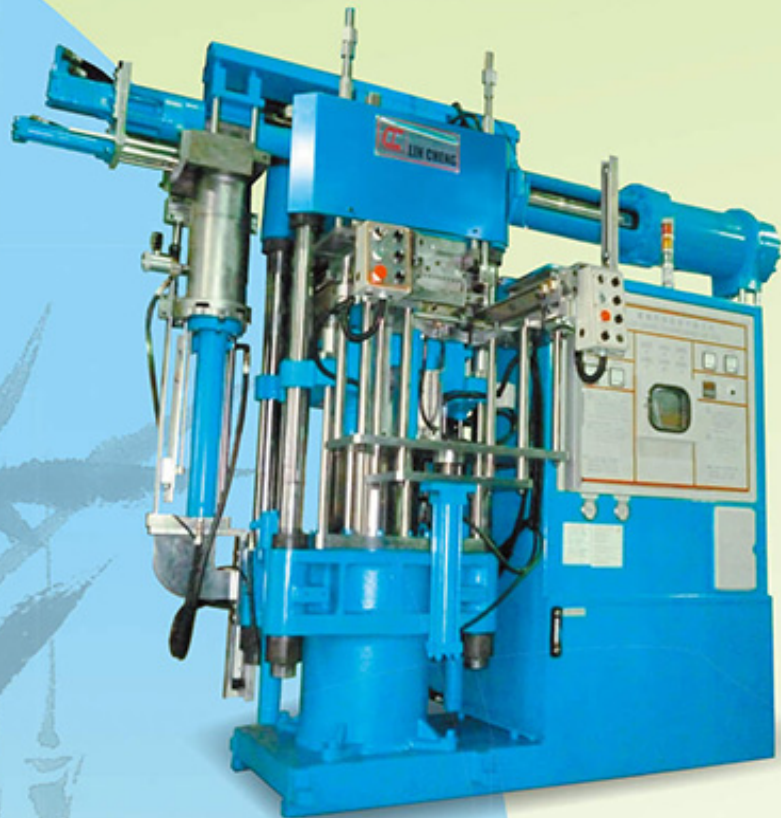
IRH-S3

3RT開模橡膠射出成型機
3RT mold-open rubber injection
molding machine



IRHB-S3

3RT開模後射式橡膠射出成型機
3RT mold-open back injection type
rubber molding machine



ISH-S2

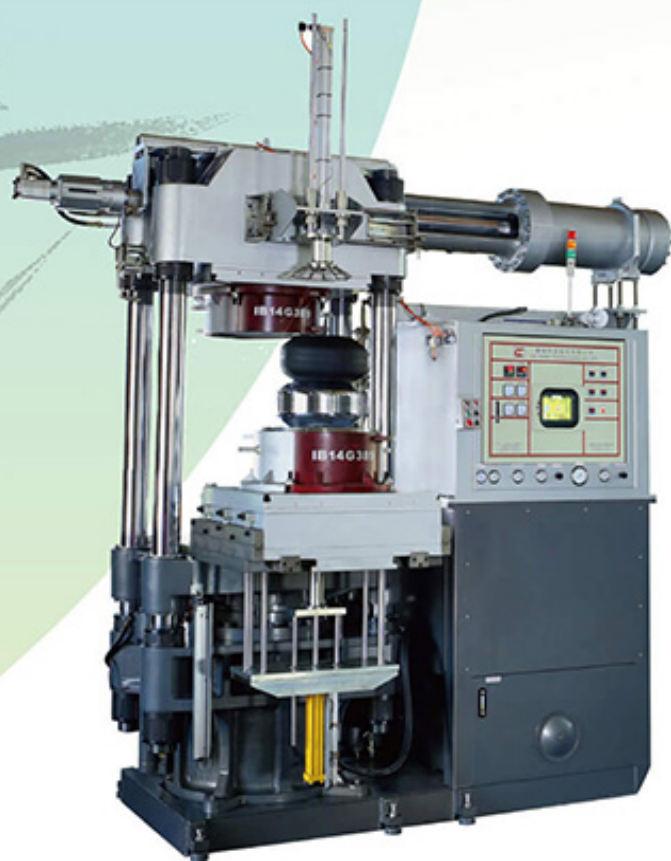
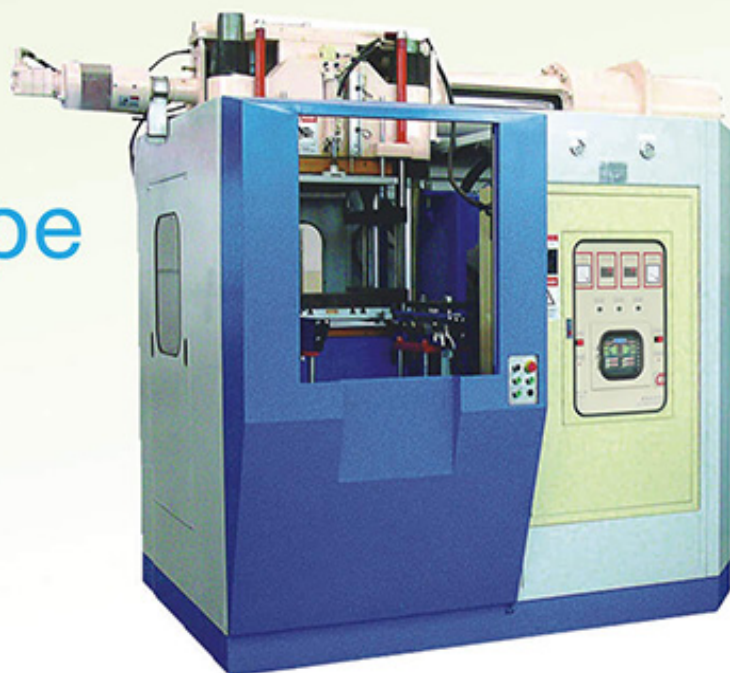
2RT開模矽膠射出成型機

2RT mold-open Silicone injection molding machine

IRH-CE type

CE認證橡膠射出成型機

CE certificate rubber injection molding machine



IRH-S2

輪胎氣囊橡膠射出成型機

Tire Bladder rubber molding machine



ITRH

專利無廢料橡膠射出成型機

[台灣專利證書新型第M334024號]

Patent none runner-waste rubber
ection molding machine

[Taiwan Patent No.M334024]

一般射出成型 Normal injection

V.S. 專利無廢料射出成型 Patent none runner-waste injection

1	每模上模流道死料，且須費時費工拔除。 Runner waste and take time to pull out every cycle.	流道不死料。 None runner waste.
2	射出灌點影響外觀。 Spur bushing effect looks.	純膠件可設計成品完全沒有灌點。 Can be no spur bushing of products.
3	流道設計常因成本因素而犧牲品質一致性。 Runner design needs to allow for waste cost, therefore, have to sacrifice consistency of quality.	因流道不死料而可追求流道設計之理想化。 Can design the ideal runner as possible since none runner waste.
4	僅可操作一般射出功能。 Only for normal injection purpose.	可選擇“一般射出”及“專利無廢料射出”功能。 Can be used in both of normal injection and none runner-waste injection.

排料成型 Compression with arranging materials

V.S. 專利無廢料射出成型 Patent none runner-waste injection

1	必須切料、秤料、排料等人工動作。 Needs manpower for cutting, weighting, and arranging materials.	不須切、秤、排料，大幅減少人工浪費。 No need to cutting, weighting, arranging. Save a lots manpower.
2	新進人員訓練上手時間較長，且人員操作錯誤機率較大。 Also very easy to happen mistakes by manual operation.	新進人員可立即上手上線，且沒有人員操作錯誤之可能性。 A greenborn can be put in production right away. No change to have mistake from manpower.
3	毛邊較多。 A lot of flash.	射出毛邊控制較少。 Only few flash.

總結 Summary

突破產品之傳統生產模式，把以往認為某些成品不可能以射出生產之觀念顛覆，大幅節省原料、人工浪費，提升成品物性良率。
Make a breakthrough from traditional production. Overthrow the concept of some products cannot use injection production. Slash a lot cost of material, manpower. Raising quality and yield of output.

標準橡膠射出機 Normal rubber injection machines (IRH)

主活塞缸徑 Dia. of piston (mm)	225	250	350	400	450	500	560	630	700	900
最大鎖模力 Clamping force (ton)	83	100	200	250	300	400	500	600	800	1300
行程 Stroke (mm)	400	400	500	600	600	600	600	600	700	900
熱板台面 Heating platen (mm)	Up 350*450 Dn 350*450	Up 450*450 Dn 450*450	Up 503*508 Dn 490*508 Up 525*560 Dn 525*560	Up 560*560 Dn 560*560	Up 580*600 Dn 575*600 Up 700*700 Dn 690*700	Up 700*700 Dn 700*700	Up 800*900 Dn 800*900	Up 1000*1100 Dn 1000*1100	Up 1100*1100 Dn 1100*1100	Up 1300*1300 Dn 1300*1300
馬力 Horse (HP)	10	10	15	20	20	20	20	30	40	50
注射量 Injection volume (c.c.)	500	500 900	1500	2000	3000 4000	5000	7900	10000	12000	18000

專利無廢料橡膠射出機 Patent none runner waste rubber injection machines (ITRH)

主活塞缸徑 Dia. of piston (mm)	250	350	400	450	500	560
最大鎖模力 Clamping force (ton)	100	200	250	300	400	500
行程 Stroke (mm)	400	500	600	600	600	600
熱板台面 Heating platen (mm)	Up - Md370*450 Dn450*450	Up - Md450*500 Dn490*508	Up - Md500*560 Dn560*560	Up - Md525*600 Dn575*600	Up - Md630*700 Dn690*700	Up - Md700*700 Dn700*800
馬力 Horse (HP)	10	15	20	20	20	20
注射量 Injection volume (c.c.)	500 900	1500	2000	3000 4000	5000	7900

輪胎氣囊橡膠射出機 Tire bladder rubber injection machines

主活塞缸徑 Dia. of piston (mm)	700	800	900	960
最大鎖模力 Clamping force (ton)	800	1000	1200	1500
行程 Stroke (mm)	700	700	900	1000
間距 Daylight (mm)	1200	1200	1400	1700
熱板台面 Heating platen (mm)	Up1000*1000 Dn1000*1000	Up 1100*1100 Dn1100*1100	Up1200*1200 Dn1200*1200	Up1500*1500 Dn1500*1500
馬力 Horse (HP)	30	30	40	40
注射量 Injection volume (c.c.)	8000	12000	18000	24000

- Specification are subject to change without prior notice.
- 本型錄機台規格若因技術變更有所修正則不另行通知。



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