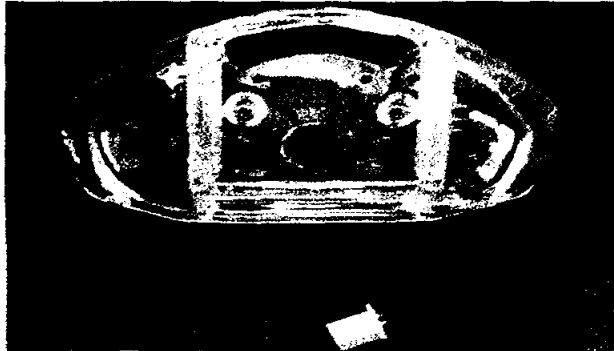


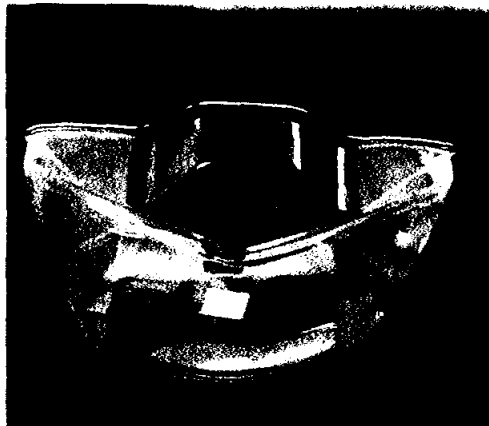
LAMPIRAN

LAMPIRAN

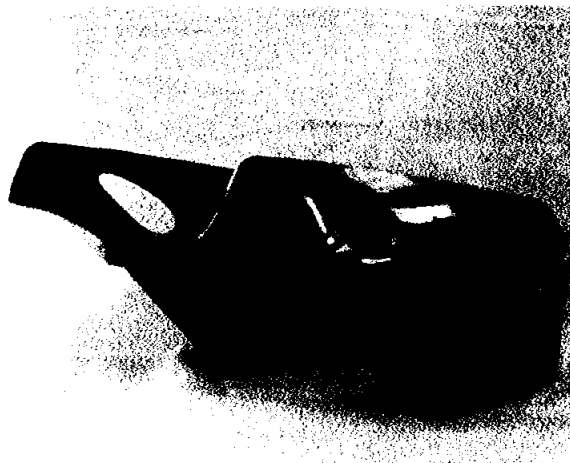
GAMBAR PRODUK



Gambar 2.1 lampu *stop* Shogun



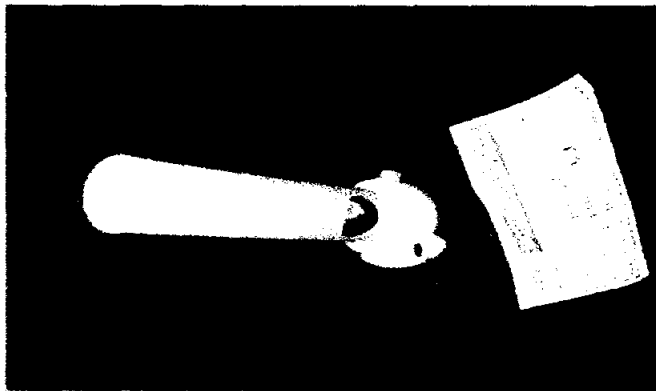
Gambar 2.2 lampu depan Karisma



Gambar 2.3 panel Fiz R



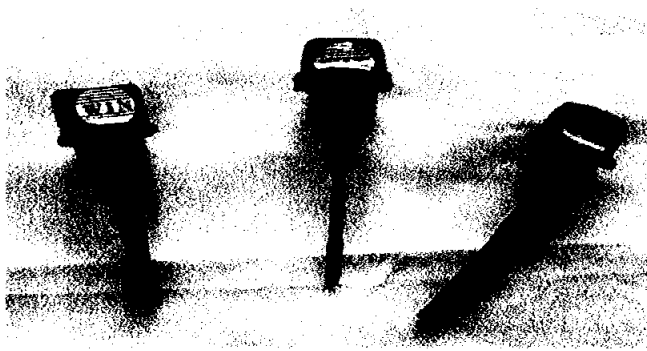
Gambar 2.4 panel Supra



Gambar 2.5 pipa gas Crystal



Gambar 2.6 lampu sen Supra X biru



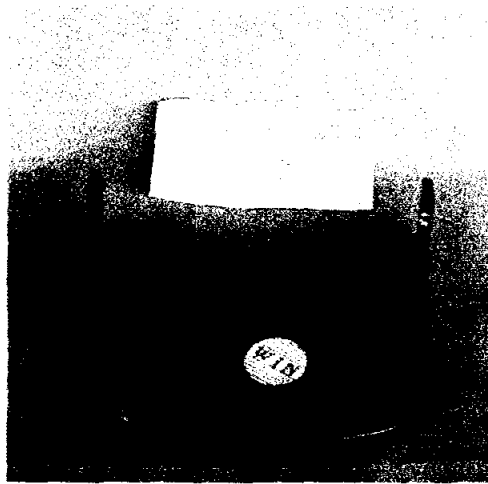
Gambar 2.7 ukuran oli



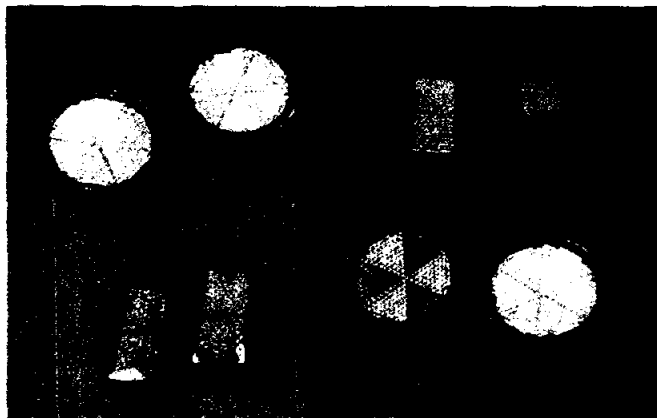
Gambar 2.8 cop busi panjang, pendek



Gambar 2.9 Fender Supra



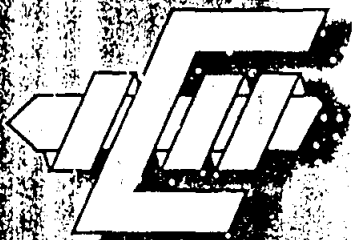
Gambar 2.10 buntut Grand



Gambar 2.11 mini reflektor



Gambar 2.12 switchrem Honda sport



ENAM

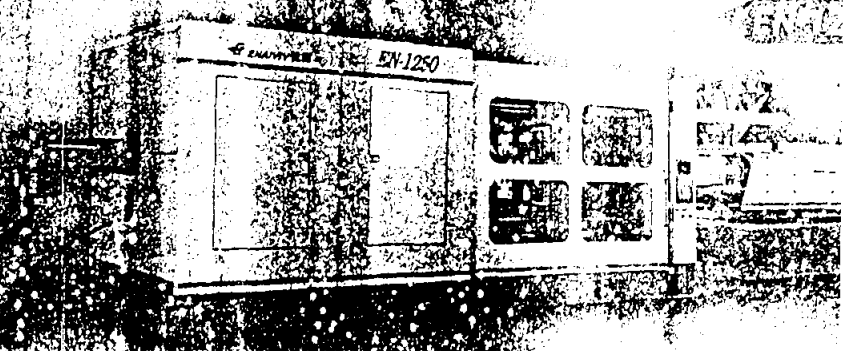
Injection Molding Machine

300TON-3500TON

CE ISO 9001

EN-300	單位 UNIT	性質：Properties 通用原料： 熱可塑性 Thermoplastic
70-65-60	mm	螺桿直徑 Screw diameter
17.1-18.5-20.0	-	螺桿長徑 Screw L/D ratio
1070-922-786	gram	射出量 Injection weight (ps)
37.7-32.5-27.7	oz	
1155-995-848	cm³	理論射出容積 Swept volume
1221-1117-1063	kg/cm²	射壓壓力 Injection Pressure
372-324-274	cm³/sec	射出率 Injection rate
73-69-59	g/s	可變化能力 Plasticizing capacity(ps)
300	mm	射出行程 Injection stroke
3.1	sec	射出時間 Injection time
620	mm	夾模行程 Clamping stroke
300	ton	閉模力 Clamping force
200-700	mm	模厚 Mold thickness (min-max)
620x620	mm	大柱內距 Inner distance of tie bars(HxV)
901x901	mm	模版尺寸 Mould plate(HxV)
150	mm	托模行程 Ejection stroke
7.0	ton	托模力 Ejection force
40	Hp	電機馬達 Pump driving motor
140	kg/cm²	泵浦壓力 Pump pressure
20.2	kw	電熱容量 Heater capacity
N+5	set	溫度段數 Heat zones
50.2	kw	動力總負荷 Total Power
3000	l	油箱容量 Tank capacity
6.8x7.2x6	m	機器尺寸 Machine measurements (LxWxH)
14000	kg	機器重量 Net weight

INJECTION SYSTEM
CLAMPING SYSTEM
EJECTION SYSTEM
OTHER



億耐機器股份有限公司



ENAM KUNGLA JAYA A.S.

SALES & SERVICES:

Plastic Injection Molding Machine (Second)

Steel Press, Industrial Machinery, and Components

ISO 9001:2000

Service Center
Jl. Linggajati Indah Timur IV Blok D No. 11 Surabaya
Phone: 031-82-31-7310810
Fax: 031-82-31-7341900
E-mail: info@ayoo@ayocentri.net.id
http://www.kungla.com

ENAIVIV

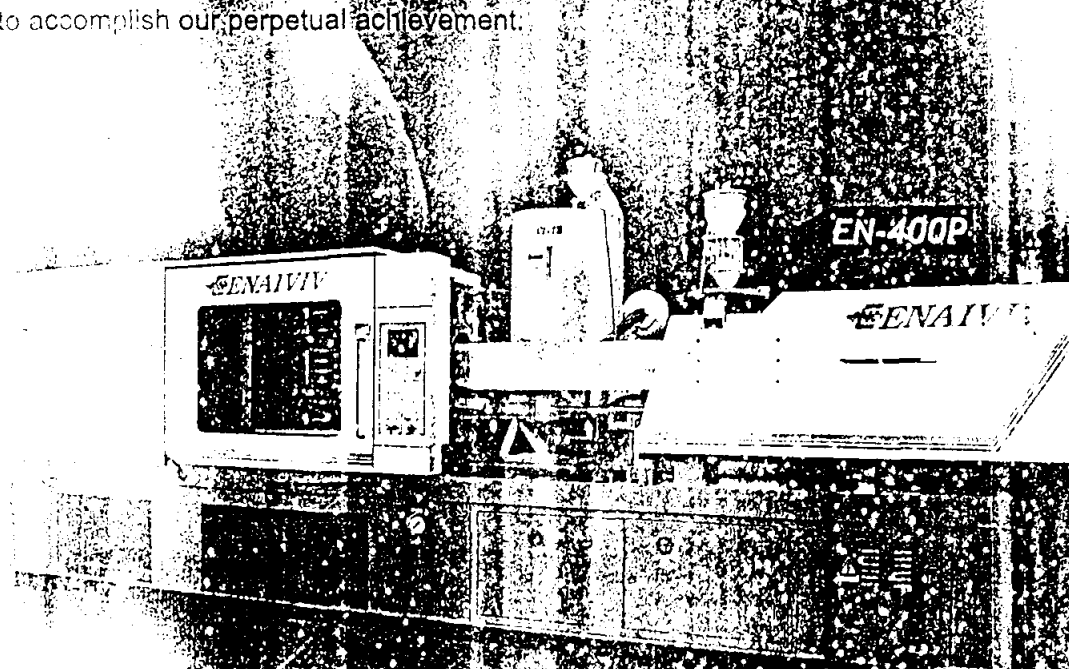
精細品質，近乎完美，這都是值得你投資
經典~必然經得起時間考驗，這所為眾所矚目的永恆成就。
億耐ENAIVIV 以創造藝術品的心與信念打造每一台機器，因為
我們深信~唯有如此才能創造出永恆。

Precise quality control in hardware engineering.

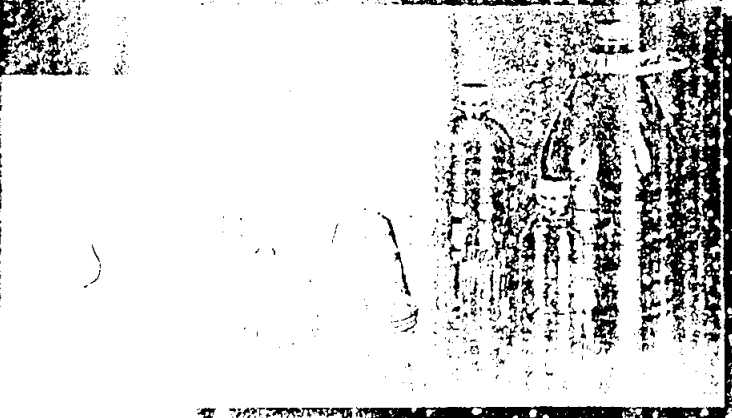
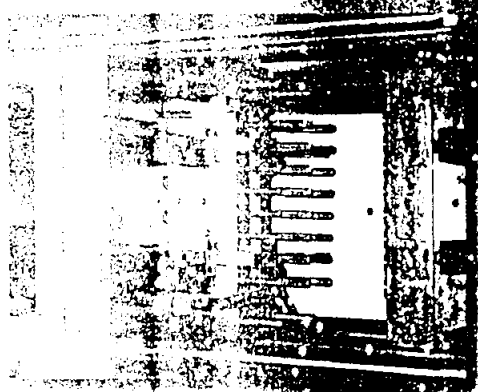
This machine is worth for investing.

Classic~ that's destined to successfully pass through the cruel trial
of time, to become the legend in the eternal universal.

ENAIVIV creates every single machine by our passion and faith,
because we believe in that it is the only way to create classic and
to accomplish our perpetual achievement.

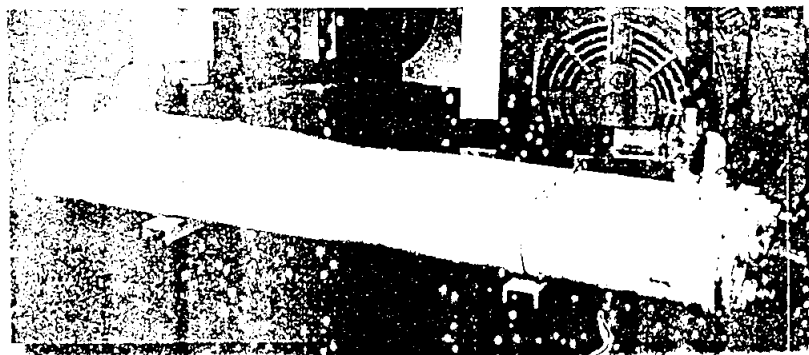
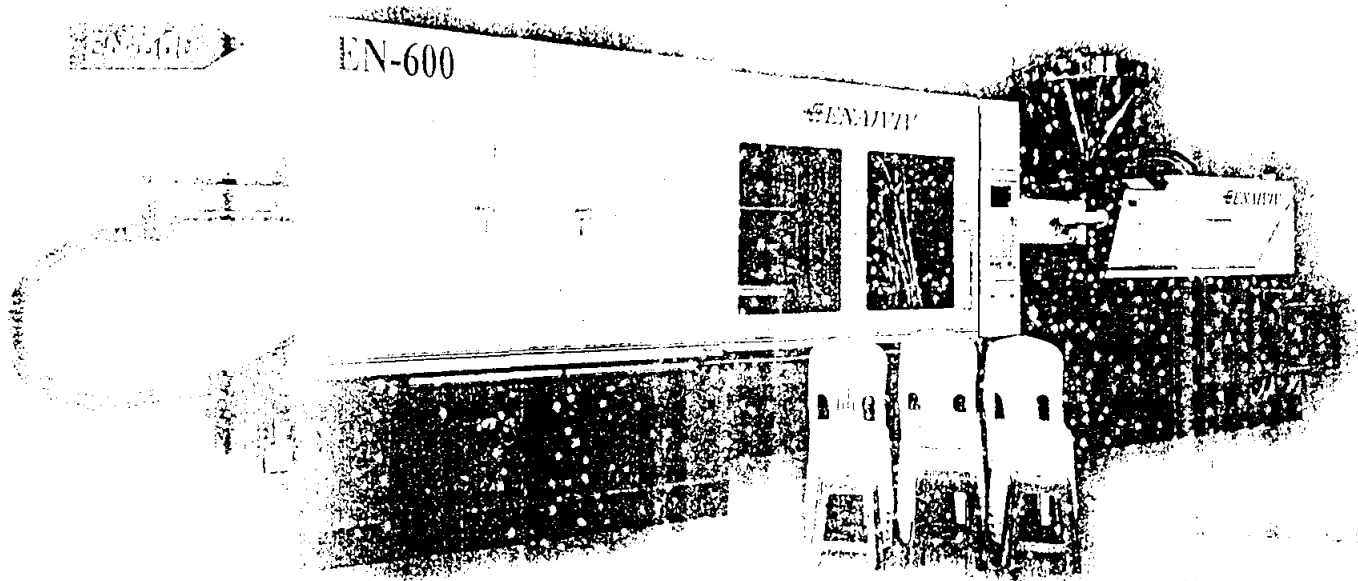


ENAIVIV EN-400P Preform Injection Molding Machine

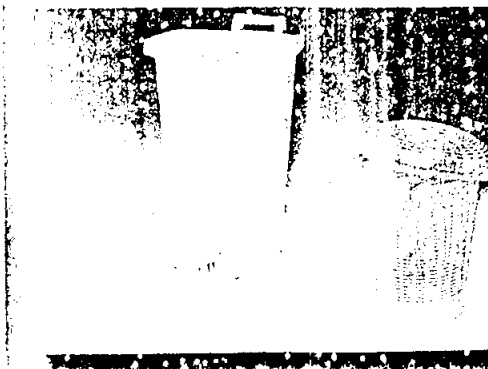




品質 · 服務 · 創新 · 榮譽 一輩子的朋友 · 億耐射出機
Good Quality · Best Service · Keep Innovation · Top Honor
Friend Forever · ENAIIV Injection Molding Machine



▲ Upgrade double cooler



Standard Accessories

Slot Platen

100 Sets Or Unlimited Mold Memory

Japan Made Pressure & Flow Proportional Valve

Logic Circuit System

Pneumatic Safety Gate (Optional)

Super Large Or Double Oil Cooler

100 kg Hopper Dryer (Under 600 ton)

200 kg Hopper Dryer (650 ton And Above)

Auto Loader

Transducers

Screw Rpm Displays

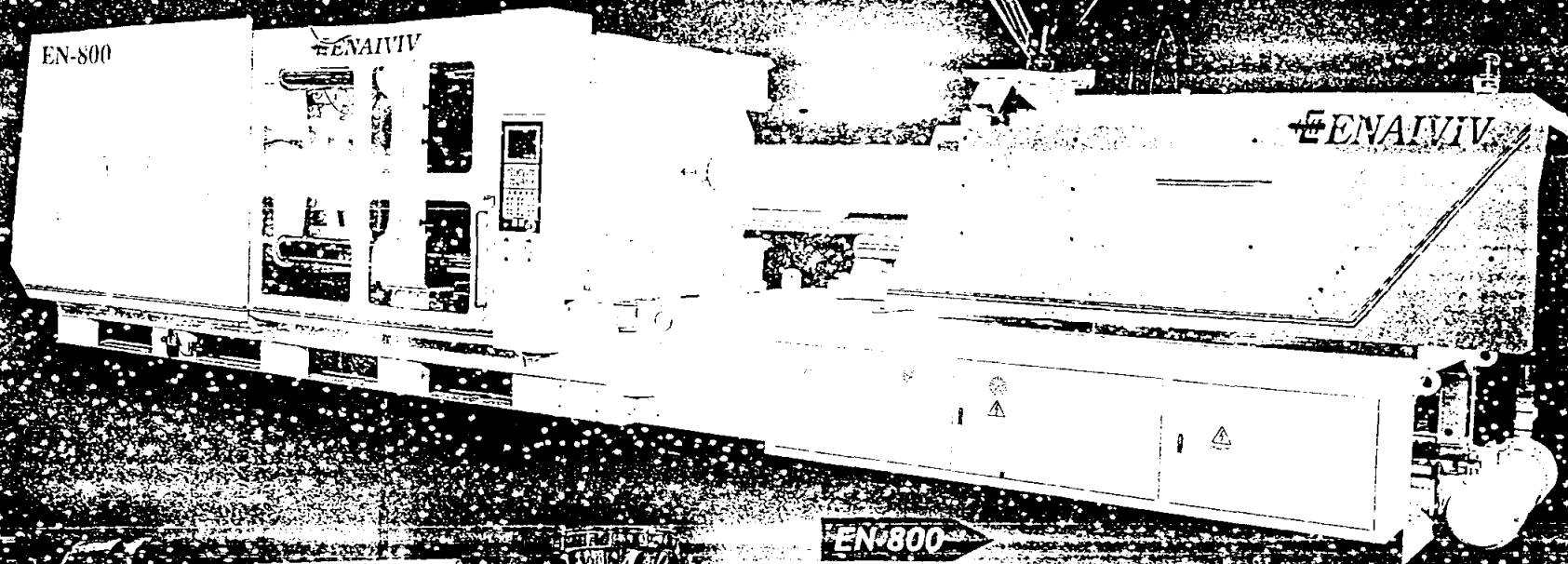
14 Inch TFT Colorful Screen

Double Core Pull Device

Auto Back Pressure

Auto Blow (Air-ejector)

Metallc Screw Head Seal



6. 超大型或雙倍/三倍

7. 600Ton以下100 kg 乾燥機

8. 650 Ton 以上200 kg 乾燥機

9. 自動吸料機

10. 4 支光學尺

11. 螺桿轉速顯示

12. 10.4吋TFT 彩色螢幕

13. 雙中子拔心

14. 自動背壓

15. 風壓托模

16. 雙合金螺桿頭組

7. 100kg Hopper Driver (Under 600 Ton)

8. 200kg Hopper Driver (600 Ton And Above)

9. Auto Loader

10. 4 Transducers

11. Screw Rpm Displays

12. 10.4 Inch TFT Colorful Screen

13. Double Core Pull Device

14. Auto Back Pressure

15. Air Blow / Air-ejector

16. Bimetallic Screw Head Set



Su Conformidad Es Nuestra Mayor Prioridad
 Sua Satisfacao E Nossa Principal Prioridade
 استماعكم وإرضاءكم هما مسؤوليتنا الأساسية

al:

er For 50% Energy Saving

o P.Q.S Hydraulic System

ed Loop System

mulator For High Injection

22 Office System

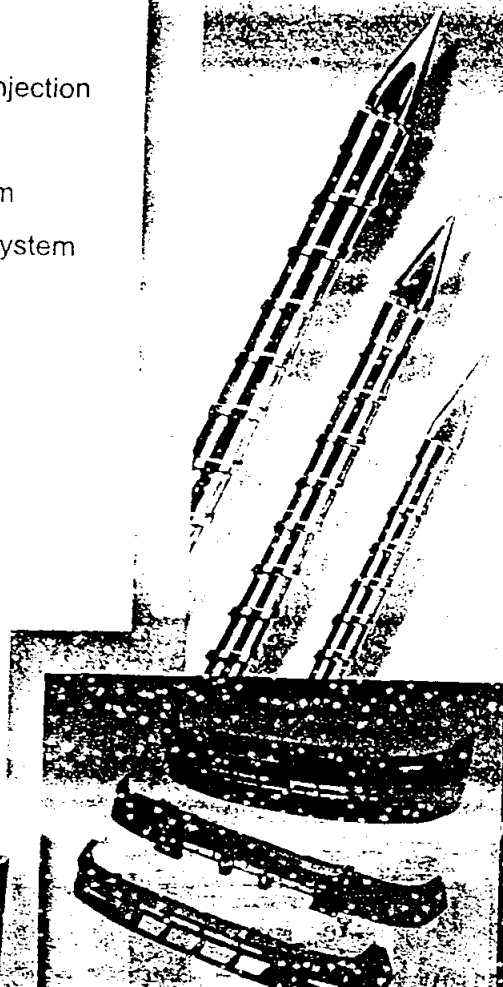
The Internet System

Hydraulic Circuit System

allic Barrel Set

y Screw

nic Heater



FORM INSPEKSI QC PER DUA JAM METALIZING

TANGGAL :

NO	NAMA PRODUK	ASPEK PENGECEKAN				KETERANGAN	STANDART YANG DIMINTA	
		PROSES BISCOAT					PERMUKAAN	TIDAK BERMINYAK TIDAK KOTOR
		08:00 - 10:00	10:00 - 12:00	12:00 - 14:00	14:00 - 16:00			
1								
2								
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6								
7								

NO	NAMA PRODUK	ASPEK PENGECEKAN				KETERANGAN	STANDART YANG DIMINTA	
		PROSES OVEN					PERMUKAAN	TIDAK MELELEH MERINTIS TIDAK TAMPAK JELAS
		08:00 - 10:00	10:00 - 12:00	12:00 - 14:00	14:00 - 16:00			
1								
2								
3								
4								
5								
6								
7								

NO	NAMA PRODUK	ASPEK PENGECEKAN				KETERANGAN	STANDART YANG DIMINTA	
		PROSES METALIZING					PERMUKAAN	TIDAK MELELEH MERINTIS TIDAK TAMPAK JELAS WARNA SESUAI MASTER / SAMPLE
		08:00 - 10:00	10:00 - 12:00	12:00 - 14:00	14:00 - 16:00			
1								
2								
3								
4								
5								
6								
7								

CATATAN : O = PRODUK OKE

△ = PRODUK DALAM TOLERANSI

X = PRODUK TIDAK DITERIMA / REJECT

QC

METALIZING

(.....)

(.....)

LAPORAN HARIAN KARYAWAN METALIZING

Nama : _____ Bagian : Washing / Back Cover / Basecoat / Vacuum /

Hari / Tanggal : _____ Shift : I / II / III

[illegible]

SCHEDULE KERJA VACUUM METALIZING

TANGGAL :

[illegible]

DEP. METALIZING

LAPORAN HARIAN METALIZING

TANGGAL :

BAGIAN :

[illegible]

Tipe Produk :

:

Tanggal :

Jam :

Kelompok :

NO	PENGECEKAN	STANDART	SAMPEL					CATATAN
			1	2	3	4	5	
1	Bahan	sesuai master / sampel						
2	Warna	sesuai master / sampel						
3	Sembur	tidak ada						
4	Retak / Pecah	tidak ada						
5	Jembret	tidak ada						
6	Bengkok / Tepos	tidak ada						
7	Patah	tidak ada						
8	Kelenturan	ditekuk tidak patah						
9	Permukaan	halus, tidak bergelombang						
10	Logo	gambar / tulisan terlihat jelas						
11	Jig dengan pasangannya	sesuai / pas / cocok						
12	Fungsi	berfungsi dengan baik						
13	Kelengkapan komponen	lengkap sesuai sampel						
14	Pengeleman / sambungan mika	tidak lepas oleh tarikan tangan / jembret						
15	Kaki mika	tidak melet, tidak patah						
16	Pemasangan mika	rapat, kuat, tidak lepas						
17	Tempat baut	berlubang dan tidak pecah						
18	Posisi kabel	sesuai master / sampel						
19	Las pen	tidak lepas saat ditarik tangan						
20	Geram	tidak ada						
21	Terminal	sesuai master / sampel						
22	Warna UCP / ED Black	sesuai master / sampel						
23	Baut	sesuai master / sampel						
24	Posisi cop	tepat pada posisi						
25	Sambungan pipa	rapat, tidak ada celah dan rata						
26	Lengket	tidak lengket, tidak ada flek						

Inspector

 = OK
 = dalam toleransi
 = NG

QUALITY PLAN PAINTING

Customer : Reguler Project (N - User) Part Name : All Product			Issued Date : Revision :		PREPARED BY : Kabag manufacturing, Logistic, dan QC				
Proses Description			Control Point		Quality Control Method				
Flow Chart	Proses	Responsible	Check Point	Control Limit	Measuring Instrument Method	Sample	Frequency	Record	Note
	Persiapan Bahan	Operator Inspector QC	Visual Warna Tidak Belang	Sesuai Standar QC	Check Visual	10% Hasil Inject	2 jam/Hari	-	Supervisor
	Pencucian	Supervisor Inspector QC	Tidak Berminyak	Sesuai Standar QC	Check Visual	100% Persiapan Bahan	2 jam/Hari	Form Washing	Supervisor
	Pengecatan	Supervisor	Cat Tebal / Tipis Cat Meler / Tidak	Standar Cat	Check Visual	10%	2 jam/Hari	Form Laporan Hasil Cat	Supervisor
	Pengovenan	Supervisor	Suhu Waktu Setting Mesin	Standar Pengovenan	Setting Mesin QC Awal Injection Check Visual	100% dari Painting	2 jam/Hari	Form Inspeksi QC Proses Oven	Supervisor
	Assembly	Supervisor	Kualitas Barang Kualitas Plastik	Sesuai contoh Barang Jadi	Check Visual QC Akhir Proses Pengecatan	100% dari Pengovenan	2 jam/Hari	Form Laporan Barang Jadi Form Laporan Harian Hasil Assembly	Supervisor
	Pengiriman Produk Setengah Jadi	Pembantu Injection	Jumlah Produk Jenis Produk	Sesuai LHI dan Surat Jalan	Check Visual	100%	Tiap Pengiriman	Form LHP Form Surat Jalan	Pembantu Injection Gudang Setengah Jadi

QUALITY PLAN METALIZING

Customer : Reguler Project (N - User) Part Name : All Product			Issued Date : Revision :		PREPARED BY : Kabag manufacturing, Logistic, dan QC				
Proses Description			Control Point		Quality Control Method				
Flow Chart	Proses	Responsible	Check Point	Control Limit	Measuring Instrument Method	Sample	Frequency	Record	Note
	Persiapan Bahan	Operator Inspector QC	Visual Warna Tidak Belang	Sesuai Standar QC	Check Visual	10% Hasil Inject	Setiap 2 Jam	-	QC
	Pencucian	Supervisor Inspector QC	Tidak Berminyak	Sesuai Standar QC	Check Visual	10% Persiapan bahan	Setiap 2 Jam	Form Washing	QC, Kepala Sie
	Covering	Supervisor Inspector QC	Standar Posisi Cover	Sesuai Standar QC	Check Visual	10% Pencucian	Setiap 2 Jam	Form Back Cover	QC, Kepala Sie
	Base Coat	Supervisor Inspector QC	Cat Tebal / Tipis Cat Meler Bubble Visual	Sesuai Standar QC	Check Visual	10% Covering	Setiap 2 Jam	Form Inspeksi QC Proses Base Coat	QC, Operator Base Coat
	Pengovenan	Supervisor Inspector QC	Suhu Waktu	Sesuai Standar QC	Setting Mesin QC Awal Injection Check Visual	10% Basecoat	Setiap 2 Jam	Form Inspeksi QC Proses Oven	QC, Operator Pengovenan
	Metalizing	Supervisor Inspector QC	Setting Mesin Kawat Tungsten Bekas Aluminium yang lengket	Sesuai Standar QC	Setting Mesin QC Awal Injection Check Visual Check Kecocokan dengan Jig	10% Pengovenan	Setiap 2 Jam	Form Inspeksi QC Proses Metalizing Form Schedule Kerja Vacum Metalizing	QC, Operator Metalizing
	Assembly	Supervisor Inspector QC	Sesuai permintaan Kualitas Plastik	Sesuai Standar QC	Check Visual	100% Metalizing	Setiap 2 Jam		QC, Kepala Sie
	Pengiriman Produk Setengah jadi	Pembantu Injection	Jumlah Produk Jenis Produk	Sesuai LHI dan surat jalan	Check Visual	100%	Tiap Pengiriman	Form LHP	Pembantu Injection Gudang Setengah Jadi

Tipe Produk :

Jam :

Tanggal :

Kelompok :

NO	PENGECEKAN	STANDART	SAMPEL					CATATAN
			1	2	3	4	5	
1	Bahan	sesuai master / sampel						
2	Warna	sesuai master / sampel						
3	Sembur	tidak ada						
4	Retak / Pecah	tidak ada						
5	Jembret	tidak ada						
6	Bengkok / Tepos	tidak ada						
7	Patah	tidak ada						
8	Kelenturan	ditekuk tidak patah						
9	Permukaan	halus, tidak bergelombang						
10	Logo	gambar / tulisan terlihat jelas						
11	Jig dengan pasangannya	sesuai / pas / cocok						
12	Fungsi	berfungsi dengan baik						
13	Kelengkapan komponen	lengkap sesuai sampel						
14	Pengeleman / sambungan mika	tidak lepas oleh tarikan tangan / jembret						
15	Kaki mika	tidak molet, tidak patah						
16	Pemasangan mika	rapat, kuat, tidak lepas						
17	Tempat baut	berlubang dan tidak pecah						
18	Posisi kabel	sesuai master / sampel						
19	Las pen	tidak lepas saat ditarik tangan						
20	Geram	tidak ada						
21	Terminal	sesuai master / sampel						
22	Warna UCP / ED Black	sesuai master / sampel						
23	Baut	sesuai master / sampel						
24	Posisi cop	tepat pada posisi						
25	Sambungan pipa	rapat, tidak ada celah dan rata						
26	Lengket	tidak lengket, tidak ada flek						

Inspector

O = OK
 Δ = dalam toleransi
 X = NG

SCHEDULE KERJA VACUUM METALIZING

TANGGAL :

[illegible]

DEP. METALIZING

LAPORAN HARIAN METALIZING

TANGGAL :

BAGIAN :

[illegible]

Shift : I / II / III

SUPERVISOR

FORM INSPEKSI QC PER DUA JAM METALIZING

TANGGAL :

NO	NAMA PRODUK	ASPEK PENGECEKAN				KETERANGAN	STANDART YANG DIMINTA	
		PROSES BISCOAT					PERMUKAAN	TIDAK BERMINYAK TIDAK KOTOR
		08:00 - 10:00	10:00 - 12:00	12:00 - 14:00	14:00 - 16:00			
1								
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4								
5								
6								
7								

NO	NAMA PRODUK	ASPEK PENGECEKAN				KETERANGAN	STANDART YANG DIMINTA	
		PROSES OVEN					PERMUKAAN	TIDAK MELELEH MERINTIS TIDAK TAMPAK JELAS
		08:00 - 10:00	10:00 - 12:00	12:00 - 14:00	14:00 - 16:00			
1								
2								
3								
4								
5								
6								
7								

NO	NAMA PRODUK	ASPEK PENGECEKAN				KETERANGAN	STANDART YANG DIMINTA	
		PROSES METALIZING					PERMUKAAN	TIDAK MELELEH MERINTIS TIDAK TAMPAK JELAS WARNA SESUAI MASTER / SAMPLE
		08:00 - 10:00	10:00 - 12:00	12:00 - 14:00	14:00 - 16:00			
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2								
3								
4								
5								
6								
7								

CATATAN : O = PRODUK OKE
 Δ = PRODUK DALAM TOLERANSI
 X = PRODUK TIDAK DITERIMA / REJECT

QC

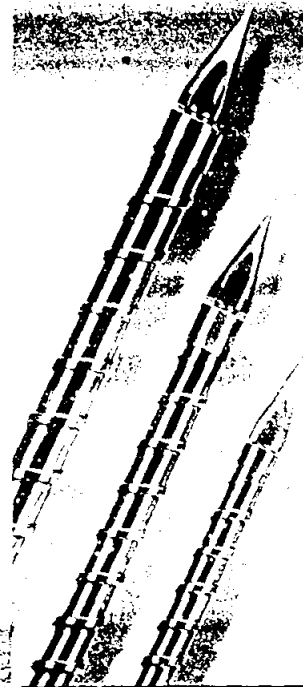
METALIZING

(.....)

(.....)

Conformidad Es Nuestra Mayor Prioridad
 a Satisfacao E Nossa Principal Prioridade
 تتوافق مع ارضاءكم هما مسؤوليتنا الأساسية

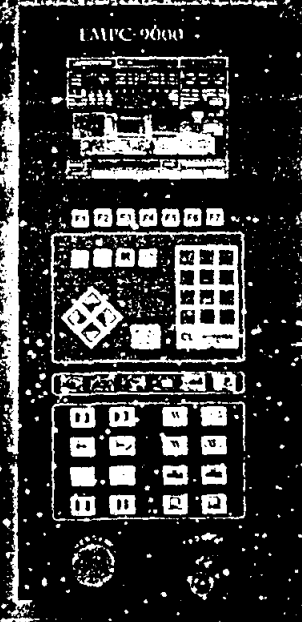
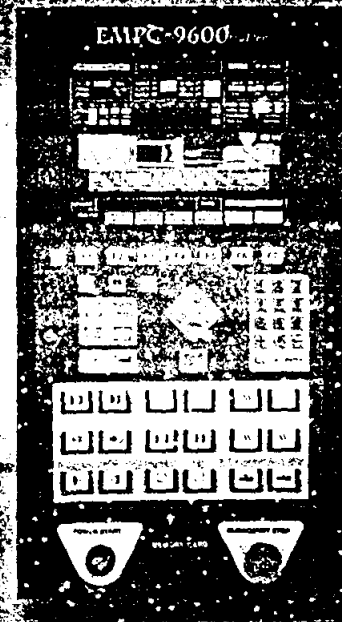
0% Energy Saving
 Hydraulic System
 System
 For High Injection
 e System
 net System
 c Circuit System
 el Set



快速注射系统
 Accumulator for high
 injection.(Optional)



Best controller ▶



EN-500

EN-500

BEST CONTROLLER

Accessories

ten

Of Unlimited Mold Memory

de Pressure & Flow Proportional Valve

Unit System

Signal

ge Or Proportional Valve

manifold (see page 80)

Other Features (see page 80)

ers

EN-800

n Displays

IFT Colorful Screen

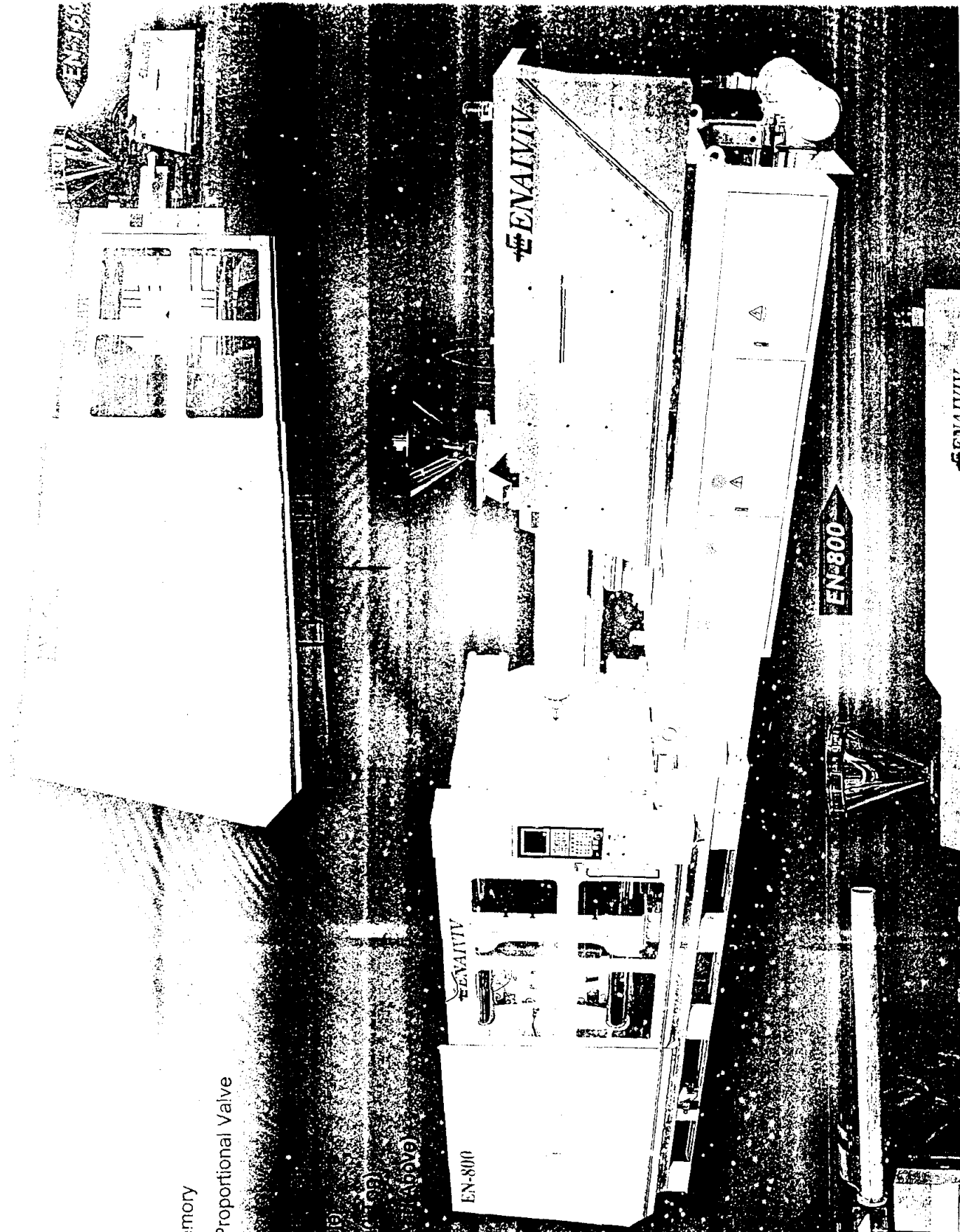
ire Pull Device

Pressure

Air-ejector)

Stream Hauler

EN-800



1. 超大型或雙倍冷卻器

2. 600Ton以下100 kg 乾燥機

3. 650 Ton 以上200 kg 乾燥機

4. 自動吸料機

5. 4 支光學尺

6. 螺桿轉速顯示

7. 10.4吋TFT 彩色螢幕

8. 雙中子拔心

9. 自動背壓

10. 風壓托模

11. 雙合金螺桿頭組

7. 100 kg Hopper Driver (Under 600-Ton)

8. 200 kg Hopper Driver (650 Ton And Above)

9. Auto Loader

10. 4 Transducers

11. Screw Rpm Displays

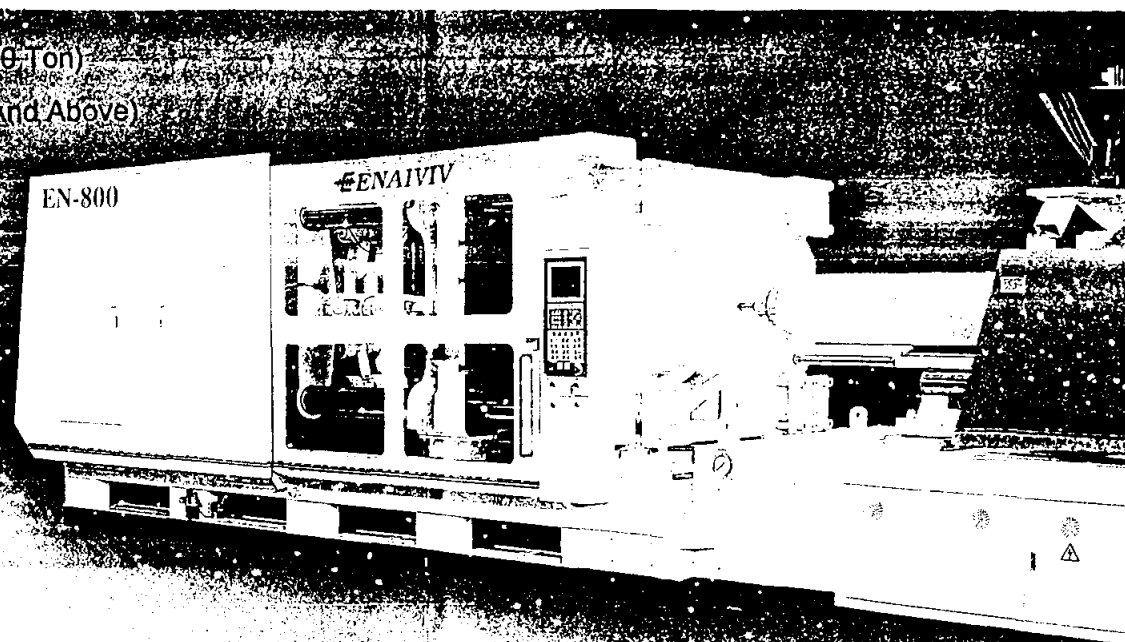
12. 10.4 Inch TFT Colorful Screen

13. Inbuilt Control Panel

14. Auto Back Pressure

15. Air Blow (Air-ejector)

16. Bimetallic Screw Head Set



ENAIVIV

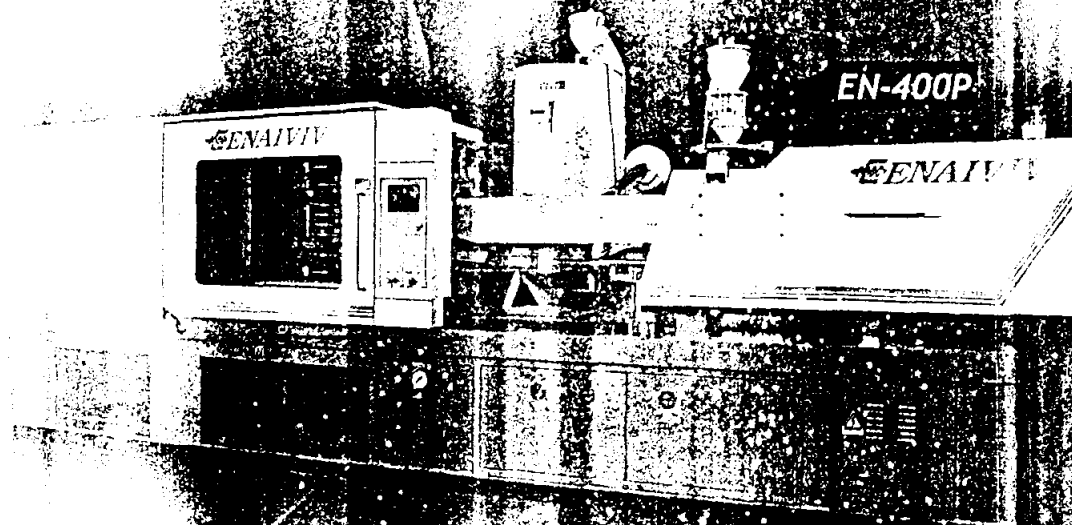
精細品管，近乎苛求，全部機件，任你投資
經典~必然經得起時間考驗，成為眾所矚目的永恆成就
億耐ENAIVIV 以創造物超所值，與信念打造每一台機器，因為
我們深信~唯有如此才能創造出永恆。

Precise quality control in hard-exacting

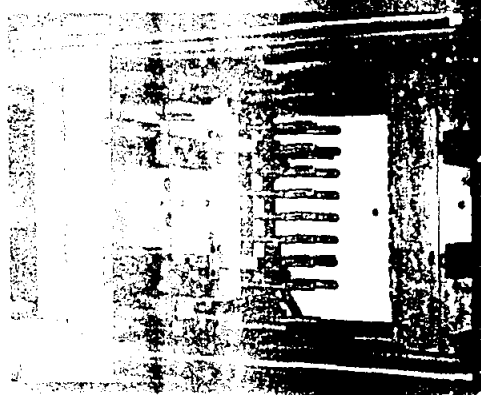
This machine is worth for investing

Classic~ that's destined to successful pass through the cruel trial
of time, to become the legend in the eternal universal.

ENAIVIV creates every single machine by our passion and faith
because we believe in that it is the only way to create classic and
to accomplish our perpetual achievement.



EN-400P 1.1T Preform Injection Molding Machine





ENAIIV

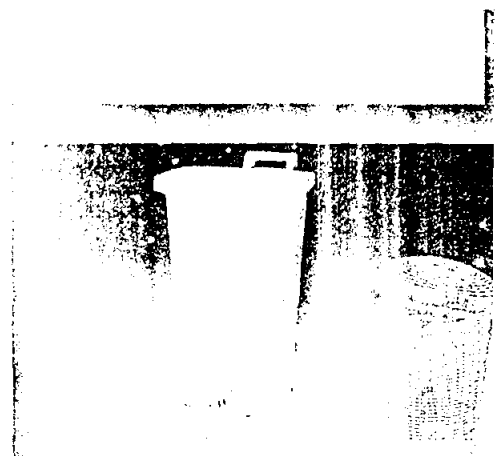
品質 · 服務 · 創新 · 榮譽 一輩子的朋友-億耐射出機

Good Quality · Best Service · Keep Innovation · Top Honor

Friend Forever-ENAIIV Injection Molding Machine



▲ Upgrade double cooler





Injection Molding Machine

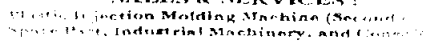
300TON-3500TC

CE ISO 9001

EN-300			單位 UNIT	性質：Properties 適用原料： 熱可塑性 Thermoplastic
70	65	60	mm	螺絲直徑 Screw diameter
17.1	18.5	20.0	-	螺絲長徑 Screw L/D ratio
1070	922	786	gram	射出量 Injection weight (ps)
37.7	32.5	27.7	oz	
1155	995	848	cm³	理論射出容積 Swept volume
1221	1417	1663	kg/cm²	射膠壓力 Injection Pressure
372	624	274	cm³/sec	射出率 Injection rate
73	69	59	g/s	可塑化能力 Plasticizing capacity(ps)
300			mm	射出行程 Injection stroke
3.1			sec	射出時間 Injection time
620			mm	夾模行程 Clamping stroke
300			ton	閉模力 Clamping force
200-700			mm	模厚 Mold thickness (min-max)
620x620			mm	大柱內腔 Inner distance of tie bars(HxV)
901x901			mm	模版尺寸 Mould plate(HxV)
150			mm	托模行程 Ejection stroke
7.0			ton	托模力 Ejection force
40			Hp	電機馬達 Pump driving motor
140			kg/cm²	泵浦壓力 Pump pressure
20.2			kw	電熱容量 Heater capacity
N+5			set	溫度段數 Heat zones
50.2			kw	動力總負荷 Total Power
2.800				油箱容量 Tank capacity
6.8x17x2.6			m	機艙尺寸 Machine measurements (LxWxH)
14000			kg	機器重量 Net weight



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