

SINCE 1974

SELPLAST

Packaging | Projects | Automation



Complete SMED Solutions

www.selplast.com

THE WORLD COUNTS SECONDS, During Mould Change!!!

SMED SOLUTIONS FROM SELPLAST....

Help you Reach Single Digit Mould Change Time

Clamping - QMC		Utility Optimisation		Mould Shop Automation	
Lenzkes 	Quick Mechanical Clamping	RTC 	- Quick Release Coupling - Mono Coupling - Multi Coupling	EAS 	- Rack Storage - Mould Change Car - Side Loading System
EAS 	Magnetic & Hydraulic Clamping	EAS 	Automatic Coupling		

Available : Water flow, temperature monitoring system with optional closed loop control for cycle time reduction.

1300 ton Engel injection moulding machine with 15 ton moulds.
Thanks to the innovative QMC system from EAS, the actual mould change time is a record

47
seconds



SMED

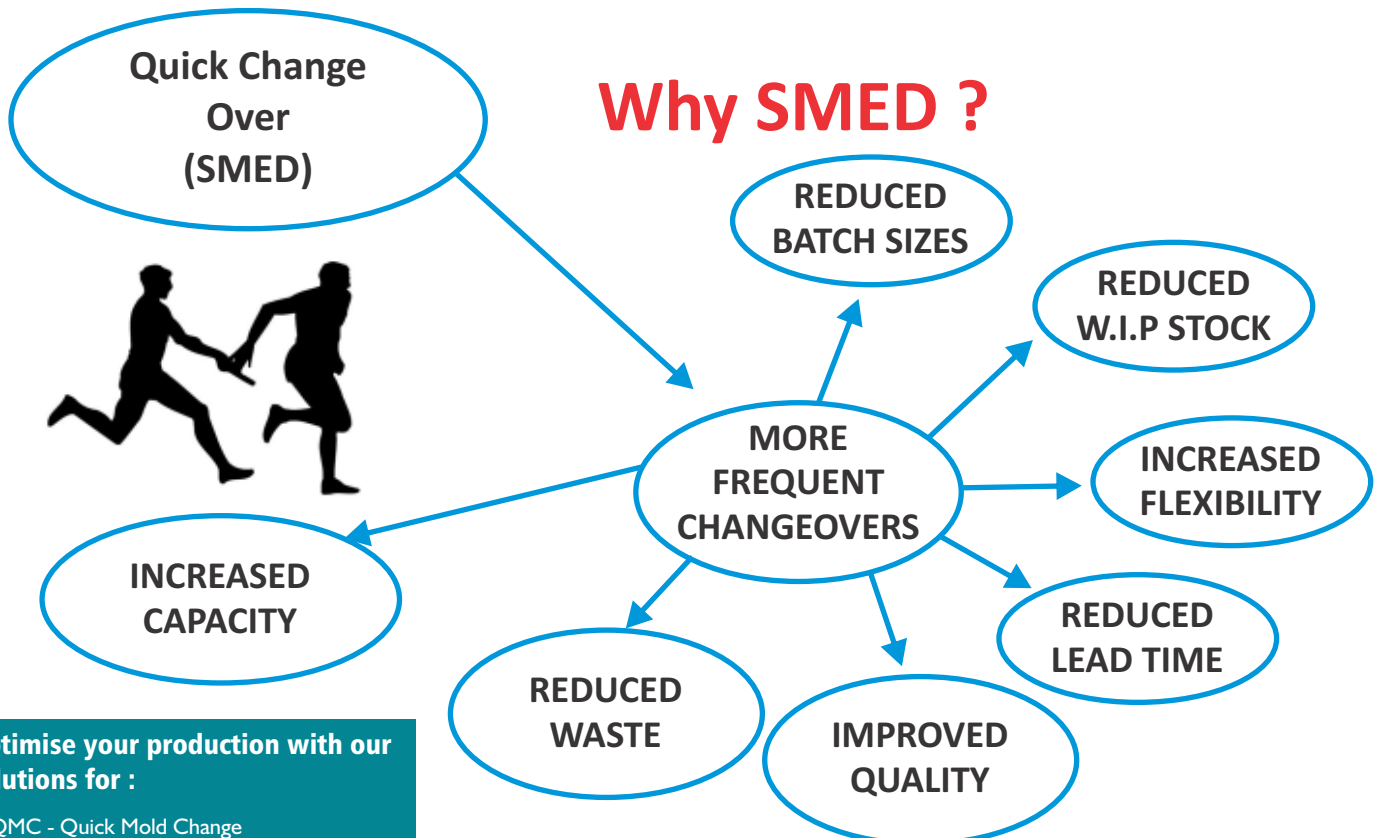
Single Minute Exchange of Die concept that says all setups should and can take less than **10 minutes**

SMED solutions maximize revenue per unit floor space and facilitate risk management

OTED

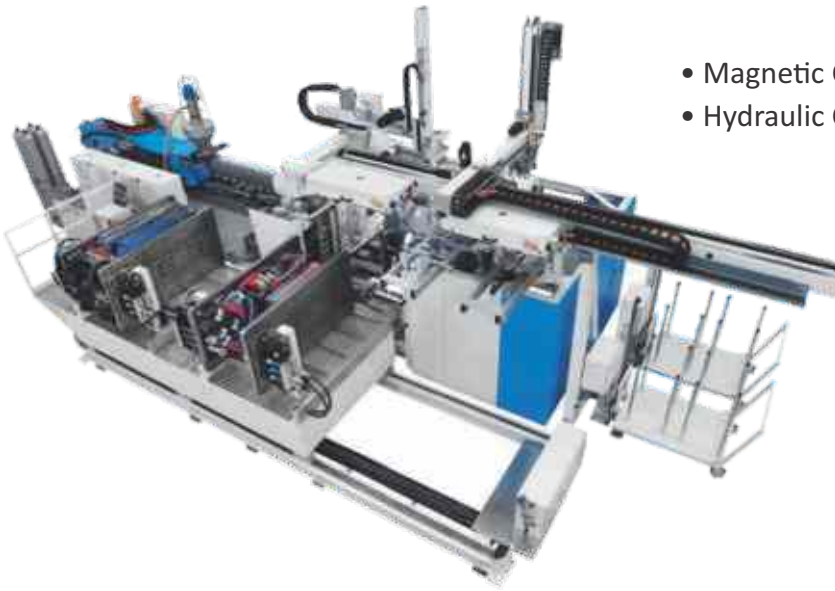
One Touch Exchange of Die Concept that says all setups should and can take less than **100 seconds!**

Why SMED ?



Optimise your production with our solutions for :

- ✓ QMC - Quick Mold Change
- ✓ QDC - Quick Die Change
- ✓ SMED Single Minute Exchange of Dies
- ✓ JIT - Just in Time
- ✓ Industry 4.0 - value chain organization



- Magnetic Clamping
- Hydraulic Clamping

- Automatic Utility Coupling
- Ejector Coupling

- Mold Storage
- Mold Pre-Heating

- Mold Inspection Unit
- Mold Change Table & Car

QUICK CLAMPING



ERC
Single Acting
Hydraulic Clamp

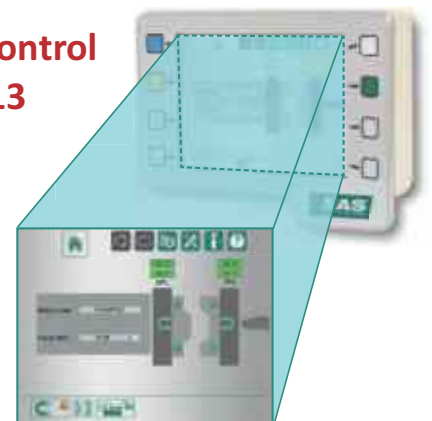


MOD
Double
Acting
Hydraulic
Clamp



Magnetic Pressmag LP

Touch Screen Control Unit MAGTCU 13



- State of the art 8" touch-screen display/controls measures :
 - The magnetizing status on both plates - The magnetic flux on the both plates - The clamping force (optional)
 - Status of the proximity sensor - Status of the system alarm - Status of temperature sensor
- Removable SD-card for offline system troubleshooting
- System automatically adapts to varying electric power conditions
- Automatic diagnostic function of control unit's internal components and sensors.
- Multiple levels of access for security • Suitable for Pressmag SP and Pressmag LP

MULTI - QUICK MQ 20



C. F. : M10 - M30 up to 90 kN
C. R. : Vertical 5 - 90 mm
Horizontal 12 - 112 mm

MULTI - QUICK MQ 60 S



C. F. : M12 - M36 up to 100 kN
C. R. : Vertical 5 - 85 mm
Horizontal 14 - 128 mm

MULTI - QUICK MQ 70



C. F. : M08 - M30 up to 50 kN
C. R. : Vertical 5 - 108 mm
Horizontal 12 - 148 mm

MULTI - QUICK MQ 100



C. F. : M08 - M30 up to 60 kN
C. R. : Vertical 0 - 102 mm
Horizontal 12 - 185 mm

MULTI - QUICK MQ106



C. F. : M08 - M30 up to 60 kN
C. R. : Vertical 10 - 115 mm
Horizontal 14 - 189 mm

MULTI - QUICK MQ 130



C. F. : M08 - M20 up to 35 kN
C. R. : Vertical 5 - 169 mm
Horizontal 12 - 151 mm

MULTI - QUICK MQ 160



C. F. : M10 - M16 up to 40 kN
C. R. : Vertical 5 - 92 mm
Horizontal 16 - 155 mm

CLAMPING FRAMES S33-S45



C. F. : M16 - M30 up to 70 kN
C. R. : Vertical 10 - 260 mm
Horizontal 50 - 90 mm

MULTI - QUICK MQ 65



C. F. : M14 - M30 up to 80 kN
C. R. : Vertical 6 - 80 mm
Horizontal 15 - 108 mm

MULTI - QUICK MQ 100 SERIES 8



C. F. : M6 - M12 up to 22 kN
C. R. : Vertical 5 - 45 mm
Horizontal 15 - 62 mm

MULTI - QUICK MQ 100 S



C. F. : M12 - M36 up to 90 kN
C. R. : Vertical 5 - 111 mm
Horizontal 14 - 200 mm

MULTI - QUICK MQ 110



C. F. : M08 - M20 up to 40 kN
C. R. : Vertical 5 - 93 mm
Horizontal 12 - 151 mm

MULTI - QUICK MQ 134



C. F. : M08 - M20 up to 40 kN
C. R. : Vertical 15 - 169 mm
Horizontal 12 - 156 mm

MULTI - QUICK MQ 150



C. F. : M10 - M20 up to 40 kN
C. R. : Vertical 5 - 92 mm
Horizontal 10 - 150 mm

MULTI - QUICK MQ 200



C. F. : M08 - M30 up to 60 kN
C. R. : Vertical 10 - 160 mm
Horizontal 14 - 189 mm

CLAMPING FRAMES S30-S40



C. F. : M08 - M16 up to 30 kN
C. R. : Vertical 0 - 110 mm
Horizontal 36 - 75 mm

RTC 070

Flow : 4/8/10/13/16/19/
32/38/ 50mm
Temp : -20°C to +180°C
Pressure : 50 bar to 300 bar
Mat : Brass/Steel/Stainless Steel

RTC 072

Flow size : 5/6/10/12/16mm
Temp : -20°C to +180°C
Pressure : 350 bar to 400 bar
Material : Steel Zinc Plated

RTC 090

Flow size : 6/9/13 mm
Temp : -5°C to +180°C
Pressure : 10 bar to 15 bar
Material : Brass

RTC 099

Flow size : 6/9/15 mm
Temp : -5°C to +180°C
Pressure : 0 bar to 15 bar
Material : Brass / Stainless Steel

RTC 100

NEW
PAT. PENDING
Safety type coupler
with safety sleeve
Sicherheitstyp
Kupplung mit
Schutzhülse

Flow size : 6/8/13 mm
Temp : -20°C to +180°C
Pressure : 10 bar
Material : Brass Nickel plated

RTC 101

Flow size : 6/9/10/12/16/20/25/38mm
Temp : -20°C to +180°C
Pressure : 16 bar
Material : Brass / Stainless Steel

RTC 102

Flow size : 6/7/8/9/10/12/16 mm
Temp : -20°C to +180°C
Pressure : 50 bar
Material : Brass / Stainless Steel

RTC 103

NEW
Safety type coupler
for disconnect protection
Sicherheitsfunktion
für das ungewollte
Trennen

Flow size : 8/10/11/12/15/19 mm
Temp : -20°C to +180°C
Pressure : 400 bar to 500 bar
Material : Stainless Steel

RTC 104

Flow size : 4/6/8/10/12/15/20/25/
32/37/50/75
Temp : -10°C to +270°C
Pressure : 10 bar to 160 bar
Material : SS / brass nickel plated

RTC 105

Flow size : 9/12/16/20/25 mm
Temp : -20°C to +270°C
Pressure : 16 bar
Material : Brass / Stainless Steel

RTC 106

Flow size : 25/33/42/50/63/110 mm
Temp : -20°C to +100°C
Pressure : 10 bar
Material : Brass chrome plated/
Stainless Steel

RTC 108

Flow size : 6/7/9/12/16 mm
Temp : -20°C to +200°C
Pressure : 180 bar
Material : Stainless Steel

RTC 124

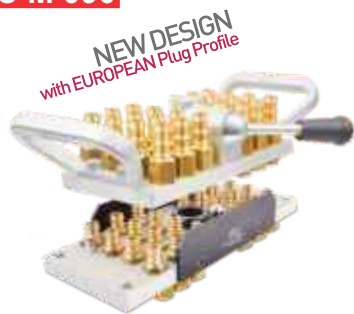
Flow size : 6/8/9/12/16 mm
 Temp : -20 °C to +180 °C
 Pressure : 350 bar to 450 bar
 Material : Stainless steel

RTC 152

Flow size : 10/12/16/20/25/32 mm
 Temp : -20 °C to 200 °C
 Pressure : 25 bar to 60 bar
 Material : Brass / Stainless Steel

RTC 202

Flow size : 4/6/10/16/20/32 mm
 Temp : -40 °C to 180 °C
 Pressure : bar
 Material : Stainless Steel

RTC M 090

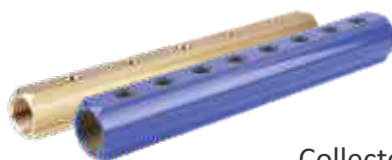
Flow size : 09 mm
 Temp : -10 °C to +200 °C
 Pressure : 16 bar
 Material :

RTC M 099

Flow size : 09 mm
 Temp : -10 °C to +200 °C
 Pressure : 16 bar
 Material :

RTC M 101

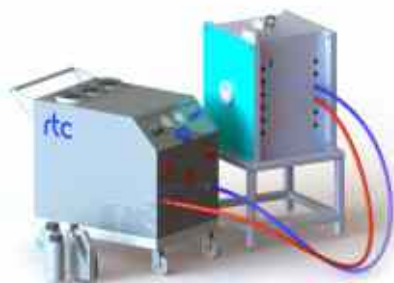
Flow : 4/8/10/13/16/19/
 32/38/ 50mm
 Temp : -20 °C to +180 °C
 Pressure : 50 bar to 300 bar
 Mat : Brass/Steel/Stainless Steel

RTC Hose**RTC 117**

Collector

RTC 118

Manifolds

RTC Accessories**RTC Mobile Mould Cleaner**

www.selplast.com

RTC 092 Ejector Coupler

rtc
 COUPLING TECHNOLOGY
www.rtc-tec.com

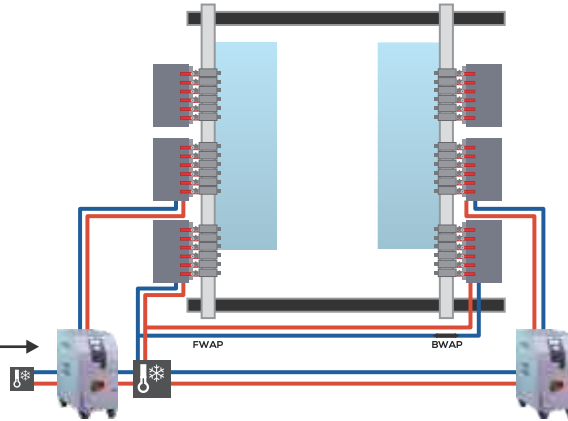
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Solutions for water flow & temperature monitoring system with optional closed loop control for cycle time reduction.



Example with 24 Cycles and 2 Temperature Control Units



RTC Quick connecting technology :

- Mono-Quick Connecting couplings for Water, Oil & Air
- Multi-couplings - Water, Oil & Electricity
- Ejector Coupling
- Push to connect Hose
- Water Manifolds
- Mould Accessories
- Water Flow, Temperature Monitoring system
- Mobile Mould cleaner

www.rtc-tec.com



1300 ton Engel IMM with 15 ton moulds
Mould change time is 47 seconds



MOLD STORAGE AND HANDLING



TECHNOLOGY PARTNERS



RTC Head Quarters, Turkey

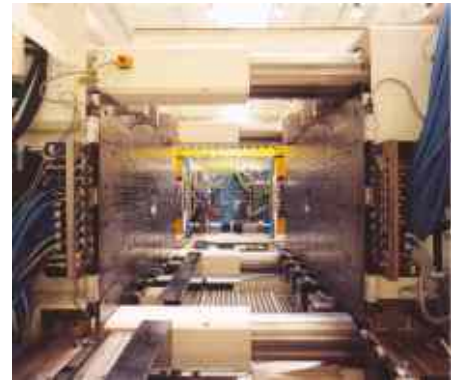
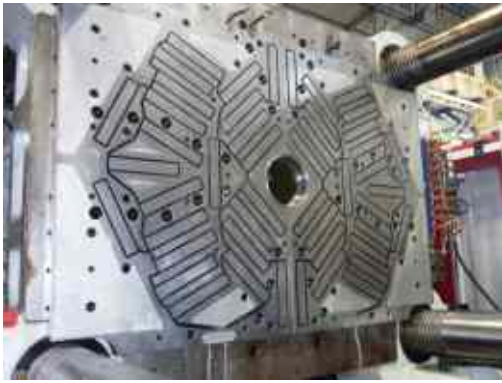


Lenzkes Head Quarters, Germany



EAS Head Quarters, Netherlands

INSTALLATIONS



PARTIAL CUSTOMERS LIST



SELPLAST
EXPORTS PVT. LTD.

Registered Office : 307, Harekrishna Complex, Pritamnagar, Ashram Road, Ahmedabad-380006 (INDIA)
Sales Office : "DOCTORS", No. 1, Anita Bungalows, West River Front Drive, Paldi, Ahmedabad - 380 007. (INDIA)
☎ +91-79-26670619 / 9033019271 / 7228017408 ✉ qmc@selplast.in 🌐 www.selplast.com
USA : +1-5106926216 GERMANY : +49-15237267572 DUBAI : +971-588514079