

## PLALLOY MTD B.V.

- **Since: 1989.**
- **Production capacity: 50,000 MT/year**
- **Employees: 100**
- **Extruders: 13 lines**
- **Trial lines: 4**
- **Raw material silos: 16**
- **Finished product silos: first installation Q02 2010**

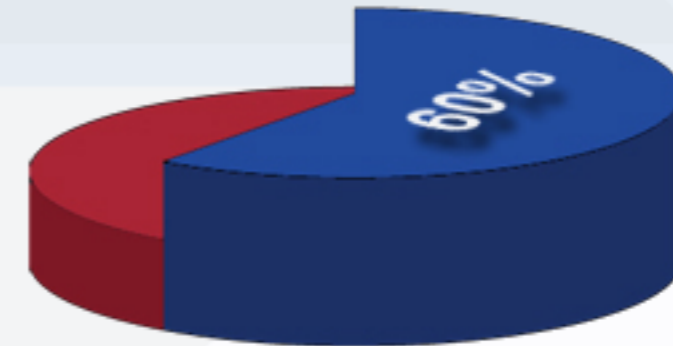


## PLALLOY MTD B.V.

- Shareholder:

**Mitsui & Co.** 60%

**Dainichiseika** 40%

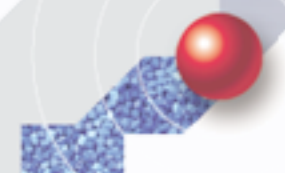


### Mitsui & Co., Ltd.

- The oldest and largest general trading firm in Japan
- Trading, investments, financing, new development of raw material source and others

### 2010/3 fiscal year, consolidated result:

- Sales: Euro 84,803 Mil. (1€=¥110)
- PAT : Euro 1,361 Mil. (1€=¥110)
  
- Employees: 41,454 (consolidated)
- Consolidated subsidiary companies: 491



## PLALLOY MTD B.V.

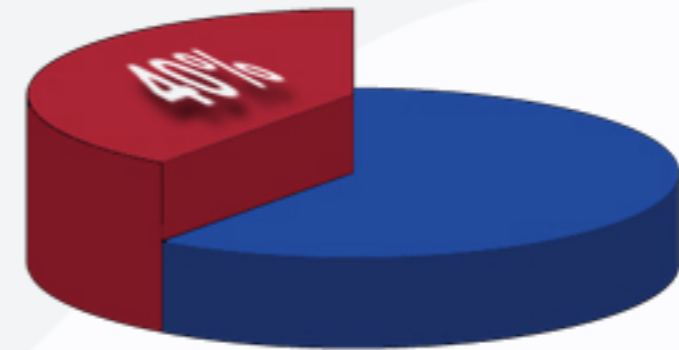
- **Shareholder:**

**Mitsui & Co.**

**60%**

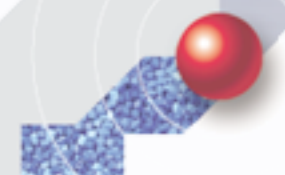
**Dainichiseika**

**40%**

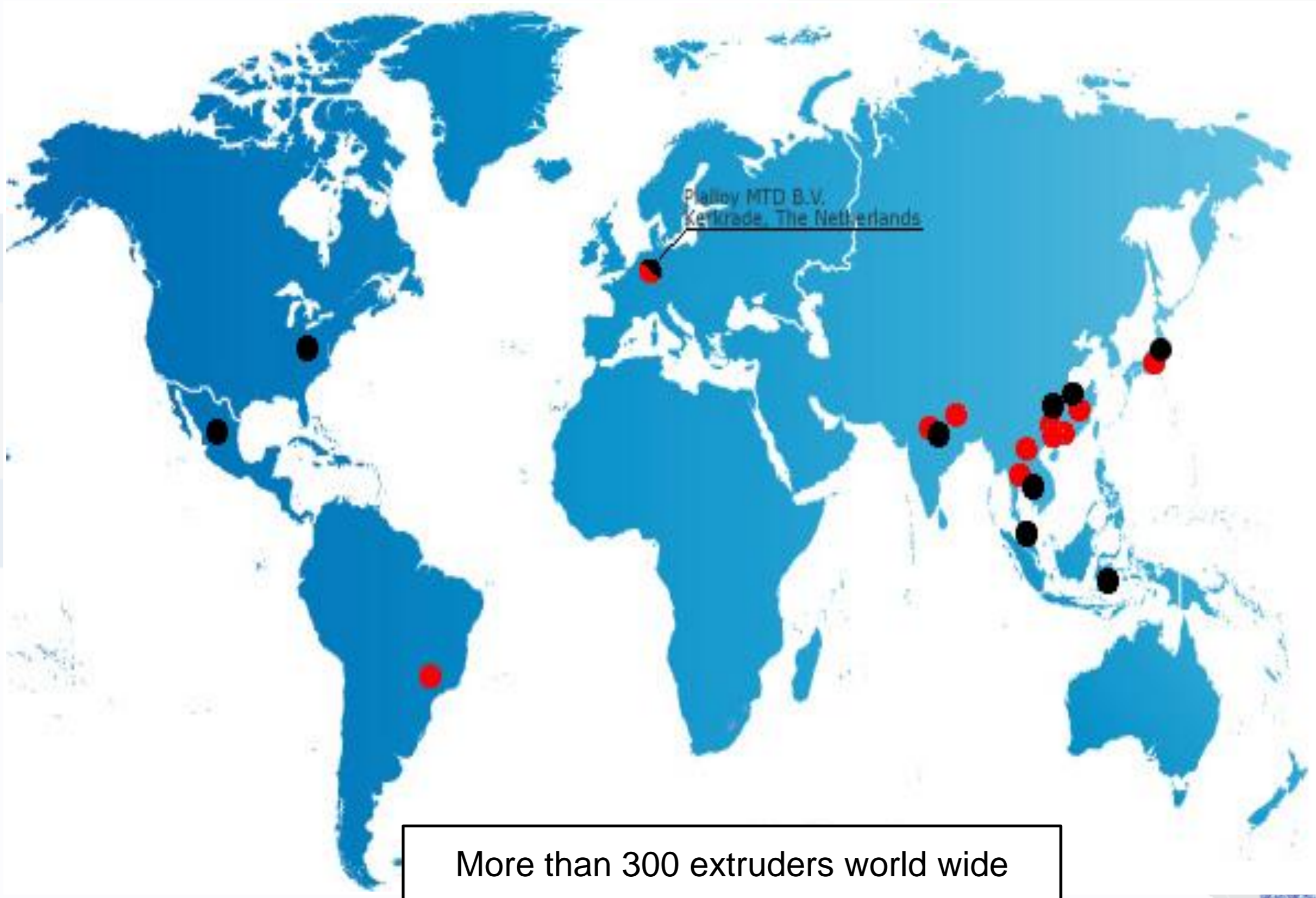


### **Dainichiseika Color & Chemicals Mfg. Co., Ltd.**

- One of the largest manufacturers of pigments, colorants, inks and compounding products in Japan (Establishment:1931)
- 2010/3 fiscal year, consolidated result:
  - Sales: Euro 1,308 Mil. (1€=¥110)
  - PAT : Euro31 Mil. (1€=¥110)
  - Employees: app 3,300(consolidated)



# Global Compound Network



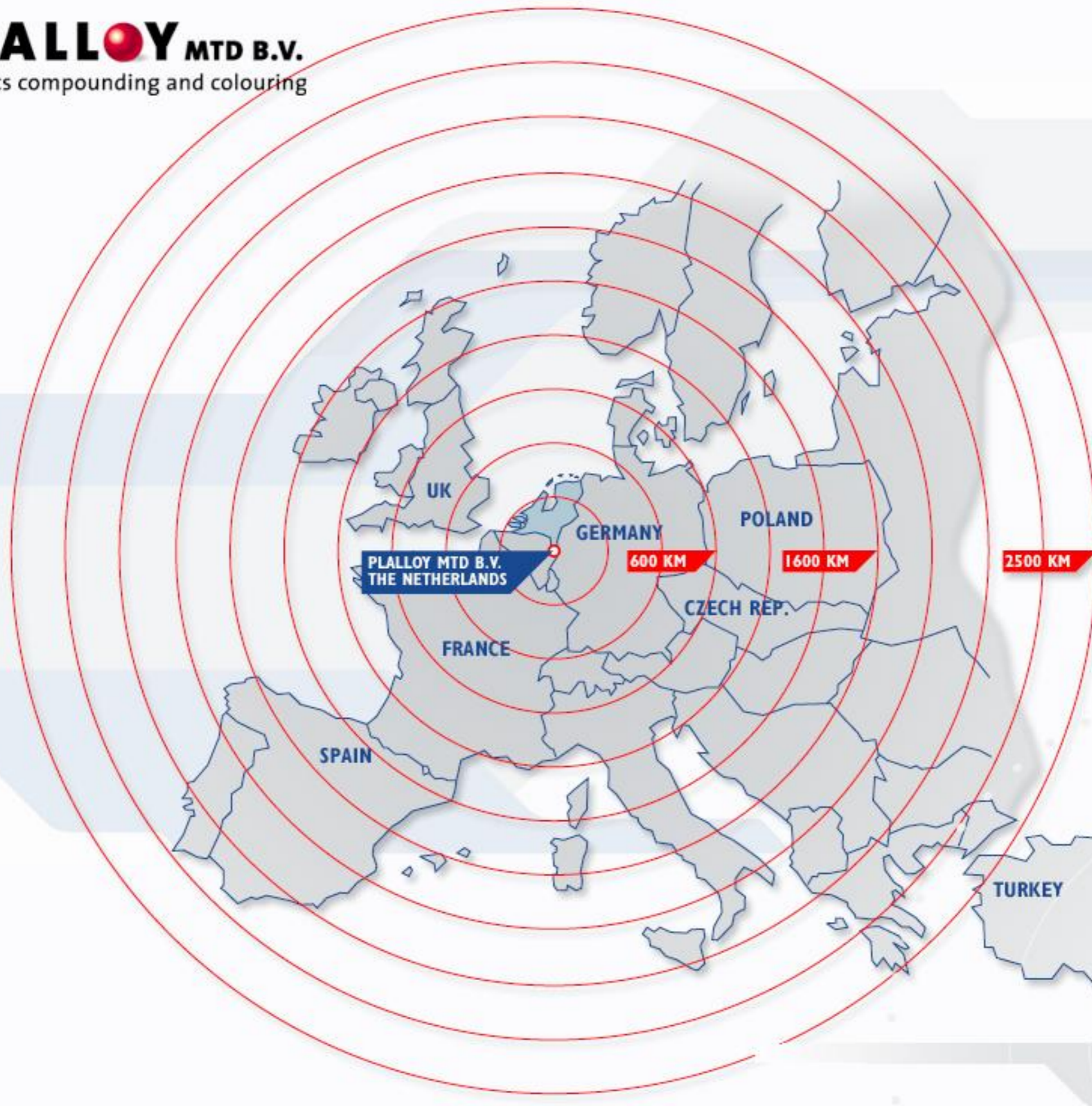
More than 300 extruders world wide



## PLALLOY MTD B.V.

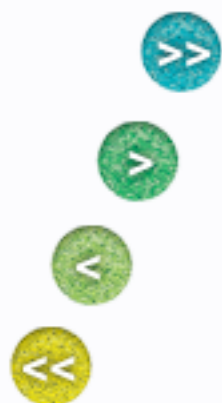
- **Toll compounding and colouring**
- **High quality with Japanese standard**
- **Excellent color matching capability utilizing Dainichiseika's global color matching technology**
- **Good location in center of Europe (Kerkrade, The Netherlands)**





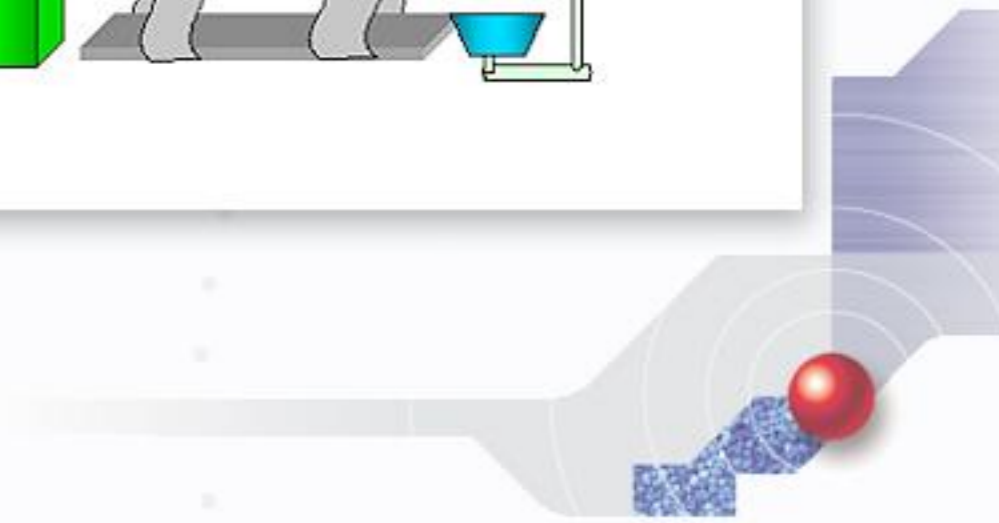
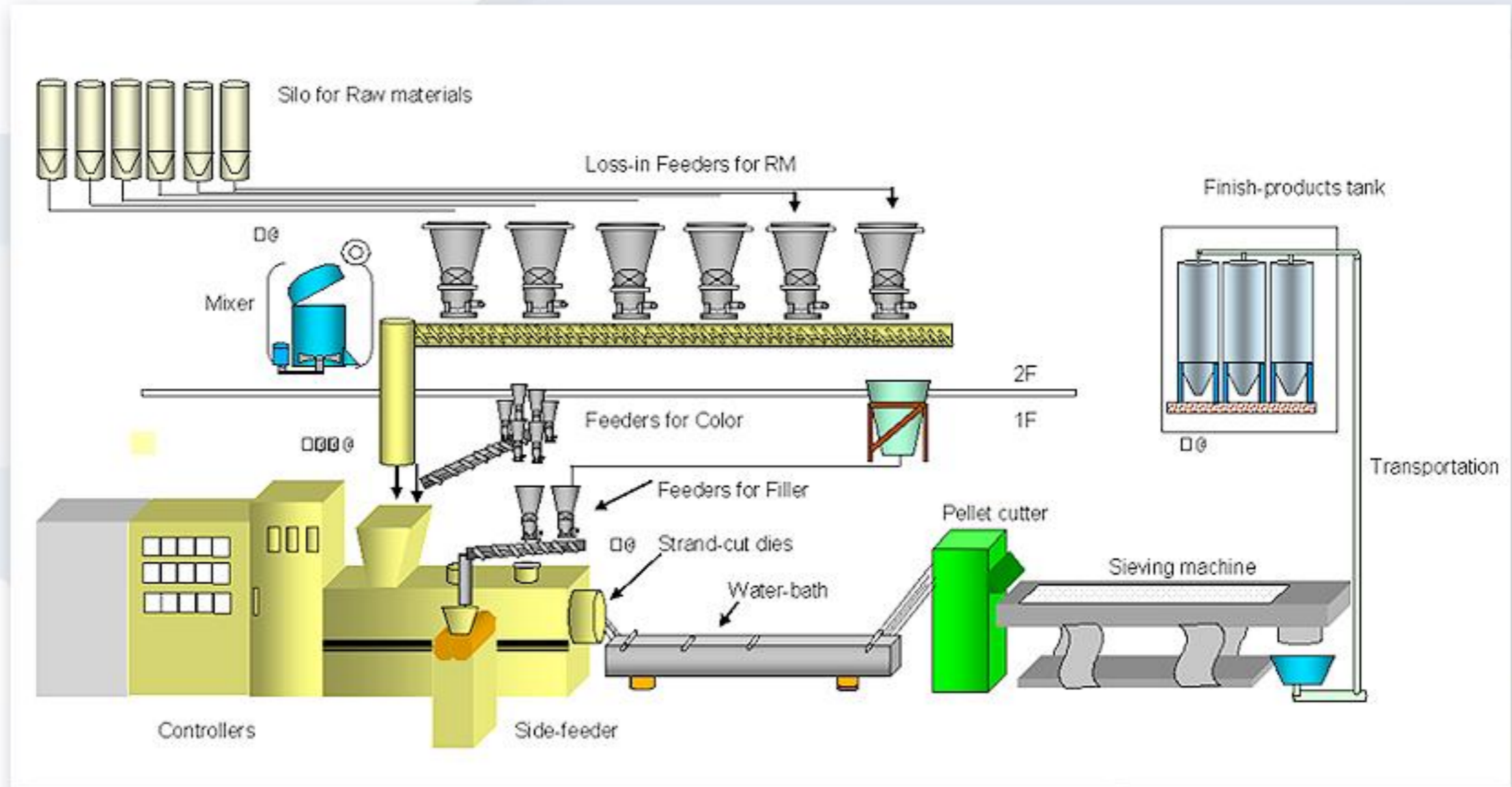
## PLALLOY MTD B.V.

- **ISO 9001 version 2000**
- **TS 16949 for automotive supply**
- **ISO 14001**





# COMPOUNDING PROCESS FLOW



# IDENTIFICATION OF PALLET CARD & LOCATION

RM001ADT0602

CHIMASORB 944 LD 20 KG

LD00303P  
CAT 02 Schadelijk/Gevaarlijk

101039500011111  
26/03/03  
360,000 KG

SYN:

  
\*101039500011111\*





Help

## Aanmelden

Geef uw gebruikerscode en wachtwoord in voor Plalloy-rapportages.  
[wachtwoord vergeten?](#)

Gebbruikerscode:

Wachtwoord:

Aanmelden Wissen



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**COGNOS**

Index Zoeken

- NewsBox van 079
- NewsIndex
  - Impromptu Customer R

**Startpagina | Persoonlijke instellingen | Afmelden | Help**

NewsIndex

## Impromptu Customer Reports

Nieuw Bewerken Beeld | Eigenschappen voor NewsBox

<ul style="list-style-type: none"> <li><a href="#">Monthly Report</a> Acties Eigenschappen</li> <li><a href="#">Monthly Stocklist Plalloy</a> Acties Eigenschappen</li> <li><a href="#">Production Report</a> Acties Eigenschappen</li> <li><a href="#">Production Stock Report</a> Acties Eigenschappen</li> <li><a href="#">Quality Report</a> Acties Eigenschappen</li> <li><a href="#">Rejection per article</a> Acties Eigenschappen</li> <li><a href="#">Stock in Process</a> Acties Eigenschappen</li> <li><a href="#">Stock per article per lotnumber</a> Acties Eigenschappen</li> <li><a href="#">Storagetime analysis</a> Acties Eigenschappen</li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Monthly Stocklist MMIT</a> Acties Eigenschappen</li> <li><a href="#">Monthly Total Stocklist</a> Acties Eigenschappen</li> <li><a href="#">Production Report part 2</a> Acties Eigenschappen</li> <li><a href="#">Productionplanning per line</a> Acties Eigenschappen</li> <li><a href="#">Received articles</a> Acties Eigenschappen</li> <li><a href="#">Shipment overview</a> Acties Eigenschappen</li> <li><a href="#">Stock per article per location</a> Acties Eigenschappen</li> <li><a href="#">Stock per Lotnumber</a> Acties Eigenschappen</li> </ul>
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Shipment overview [Terug](#) | [Opslaan als](#) | [Help](#)

**PLALLOY MTD B.V.** Date: 12-7-05

**Shipmentoverview**

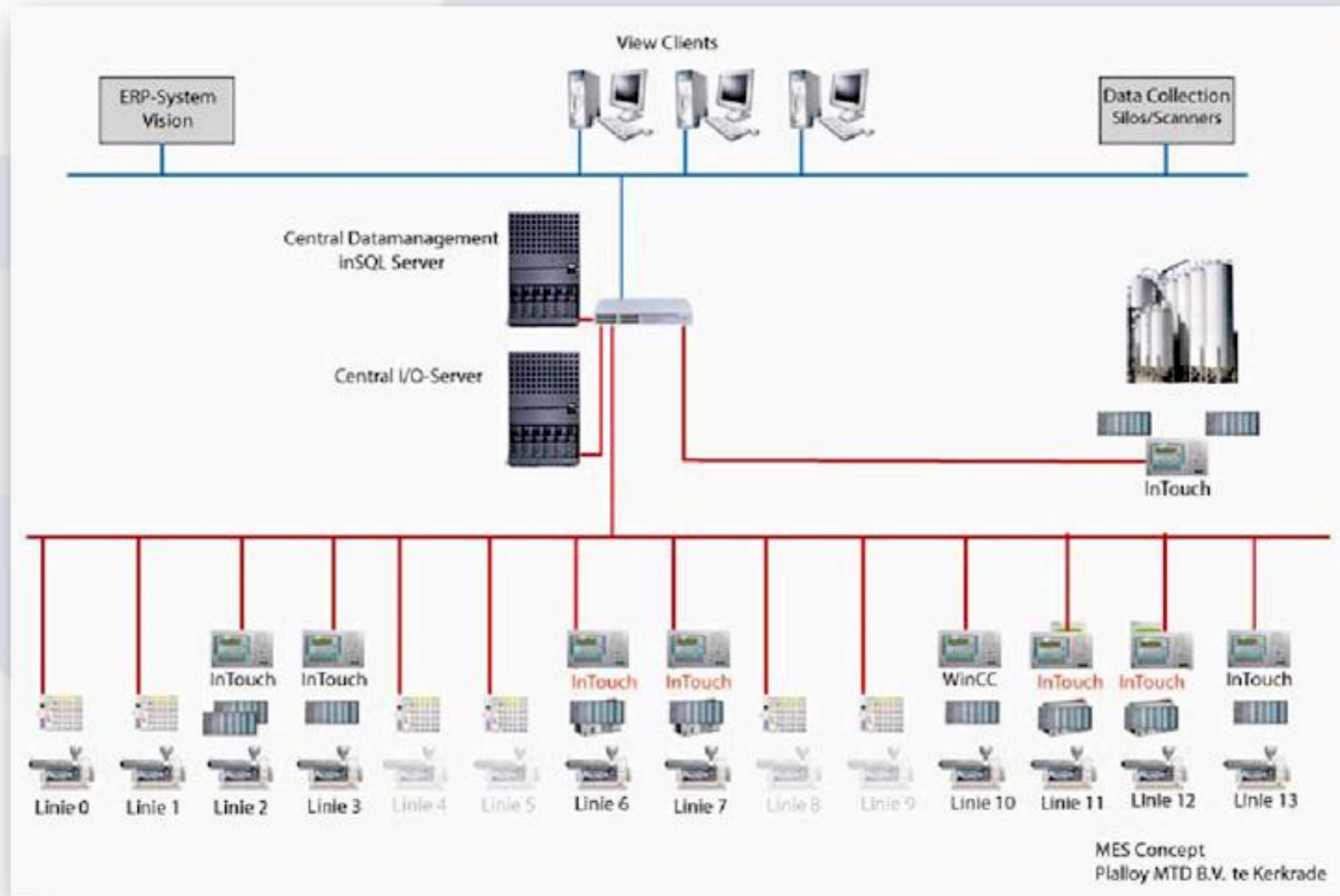
Report 50

Last revised: 6-8-0:

Date	Article	Articledescription	Transaction	Order #	Lotnummer	Cust.	Name	City	Del.note

Bladwijzers  
Handtekeningen  
Lagen  
Pagina's

# DATA COLLECTING SYSTEM

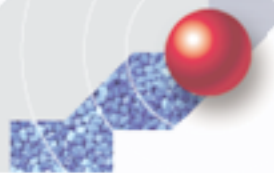
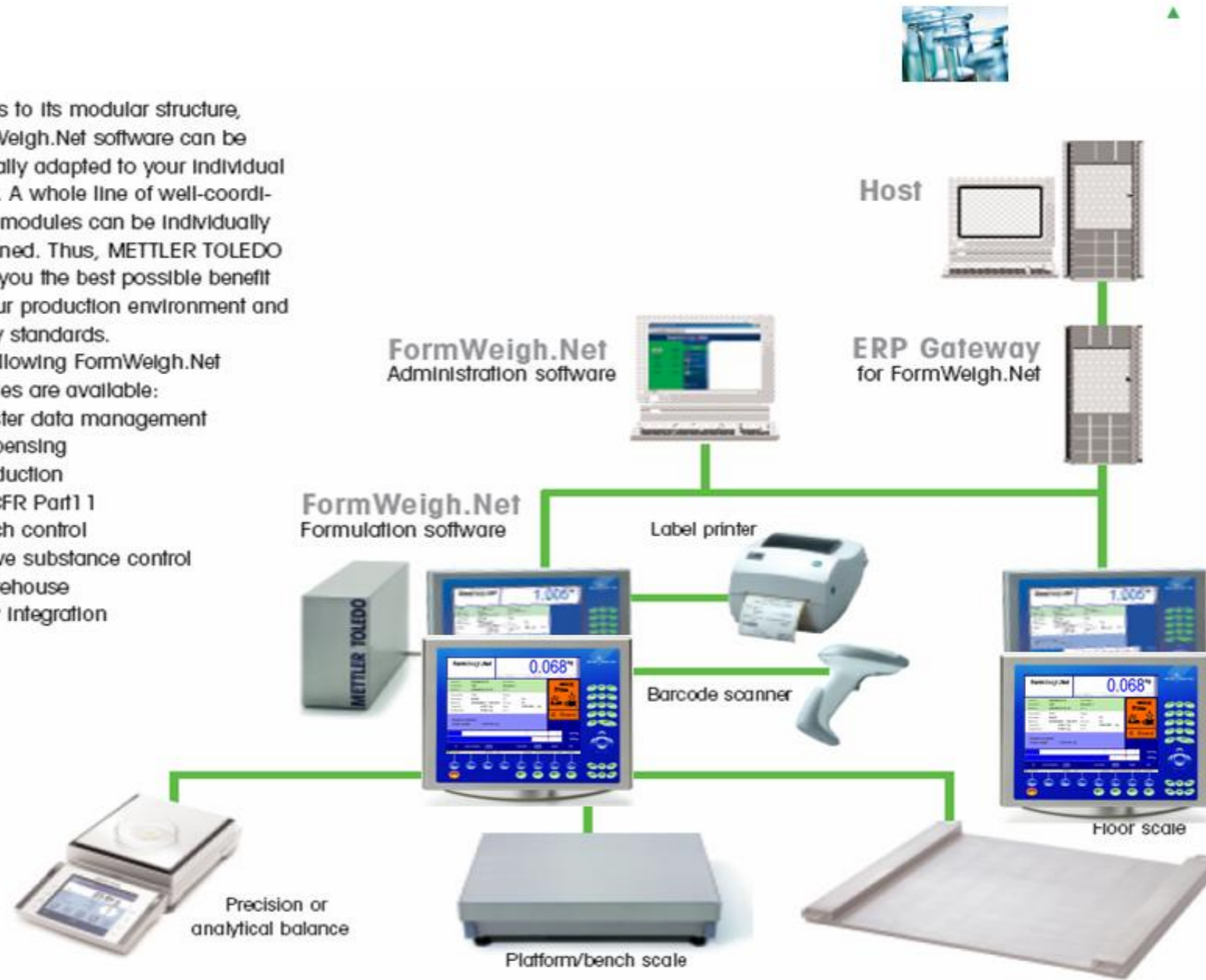




Thanks to its modular structure, FormWeigh.Net software can be optimally adapted to your individual needs. A whole line of well-coordinated modules can be individually combined. Thus, METTLER TOLEDO offers you the best possible benefit for your production environment and quality standards.

The following FormWeigh.Net modules are available:

- Master data management
- Dispensing
- Production
- 21CFR Part 11
- Batch control
- Active substance control
- Warehouse
- ERP Integration





# Component list

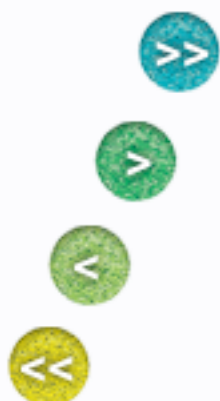
Content List

## FormWeigh.Net

Recipe Code: 100      Recipe Description: Rezept\_A1  
 Order No.: 20040824-01      Batch: 20040824-01-01

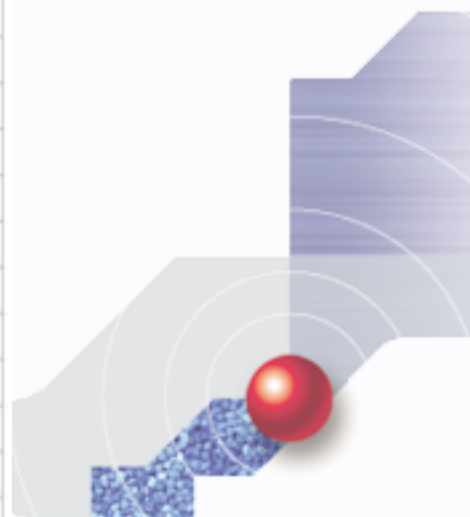
WS	Pos	Material No.:	Description:	Target Qty.	Act. Qty.	Tolerance	Status	Phase	OP
LAP01	10	110	Mat01	0.225 g	0.000 g	1.00 %	Frei		10
	20	120	Mat02	0.575 g	0.000 g	1.00 %	Frei		20
	30	130	Mat03	1.250 kg	0.000 kg	1.00 %	Frei		30

Connected
Operator: MT
Last action: F8 -> OK
10:19:19 24.08.2004





Criteria	G/10M		Relative density (ISO 1183A)		Volatile Material (90°C/2hrs)		Volatile material (aqua 130°C ppm)	
	18,0 - 26,0	%	G/ML	%	NO RANGE	PPM		
START	22,8	11,7	1,147	0,06		182		
003	24,2	11,5	1,146	0,06		217		
006	22,8	12,4	1,154					
009	21,9	11,6	1,150					
012	20,9	12,0	1,150	0,02		274		
015	21,1	11,8	1,149					
018	20,7	12,0	1,143					
021	20,0	11,7	1,152					
024	19,8	11,5	1,148	0,04		253		
027	20,6	12,2	1,147					
030	21,5	11,8	1,150					
033	20,7	11,6	1,141					
036	22,2	11,9	1,148	0,03		373		
039	20,8	12,0	1,146					
042	21,4	11,6	1,146					
045	21,9	11,8	1,153					
048	19,9	11,6	1,151	0,04		223		
051	20,2	11,8	1,149					
054	20,9	11,8	1,150					
057	20,4	11,8	1,150					
060	20,6	12,0	1,148	0,05		229		
063	22,7	11,8	1,152					
066	22,5	12,2	1,153					
069	22,5	12,0	1,153					
072	21,3	11,9	1,150	0,00		176		
075	20,8	11,9	1,147					
078	20,4	11,9	1,148					
081	20,0	11,8	1,151					
084	20,3	12,4	1,151					
BLEND	22,6	12,0	1,148	0,04		234		
087	21,7	11,9	1,151					
090	21,9	11,9	1,153					
093	21,6	12,0	1,143					
096	21,4	12,0	1,148	0,03		341		
END	21,4	12,0	1,151	0,05		267		



## Quality Report - statistics

			Relative density (ISO 1183A)	Volatile Material (80°C/2hrs)	Volatile material (aqua 130°C ppm)
min	18,0	11,0	1,140	0,00	0
max	26,0	13,0	1,160	999999999,99	999999999

### Results

min	19,8	11,5	1,141	0	176
max	24,2	12,4	1,154	0,06	373

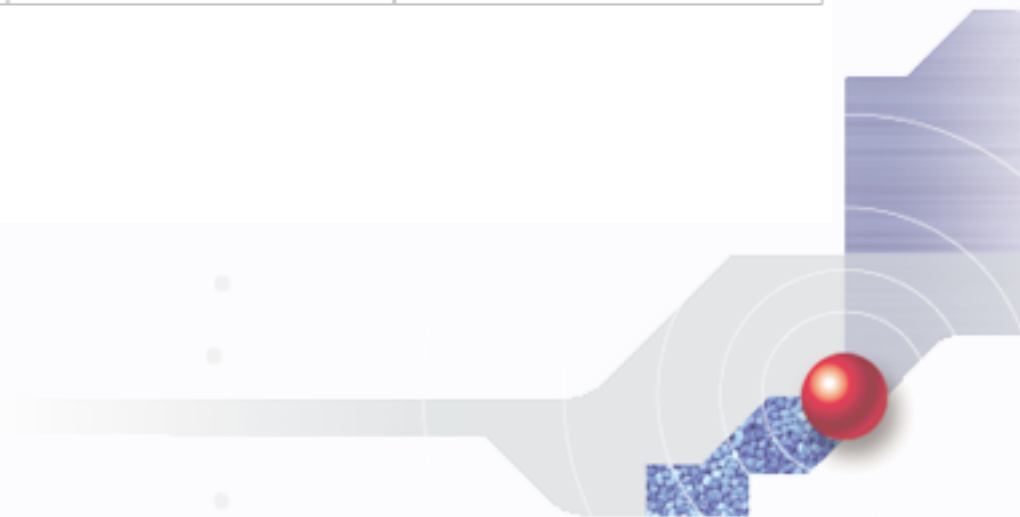
Average	21,326	11,880	1,149	0,038	251,727
Std.	1,023	0,217	0,003	0,018	60,718
3 Std.	3,070	0,650	0,009	0,053	182,153

### Criteria

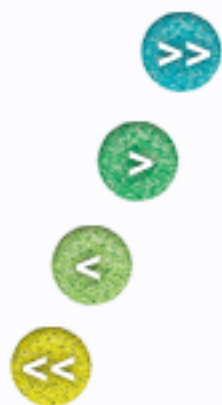
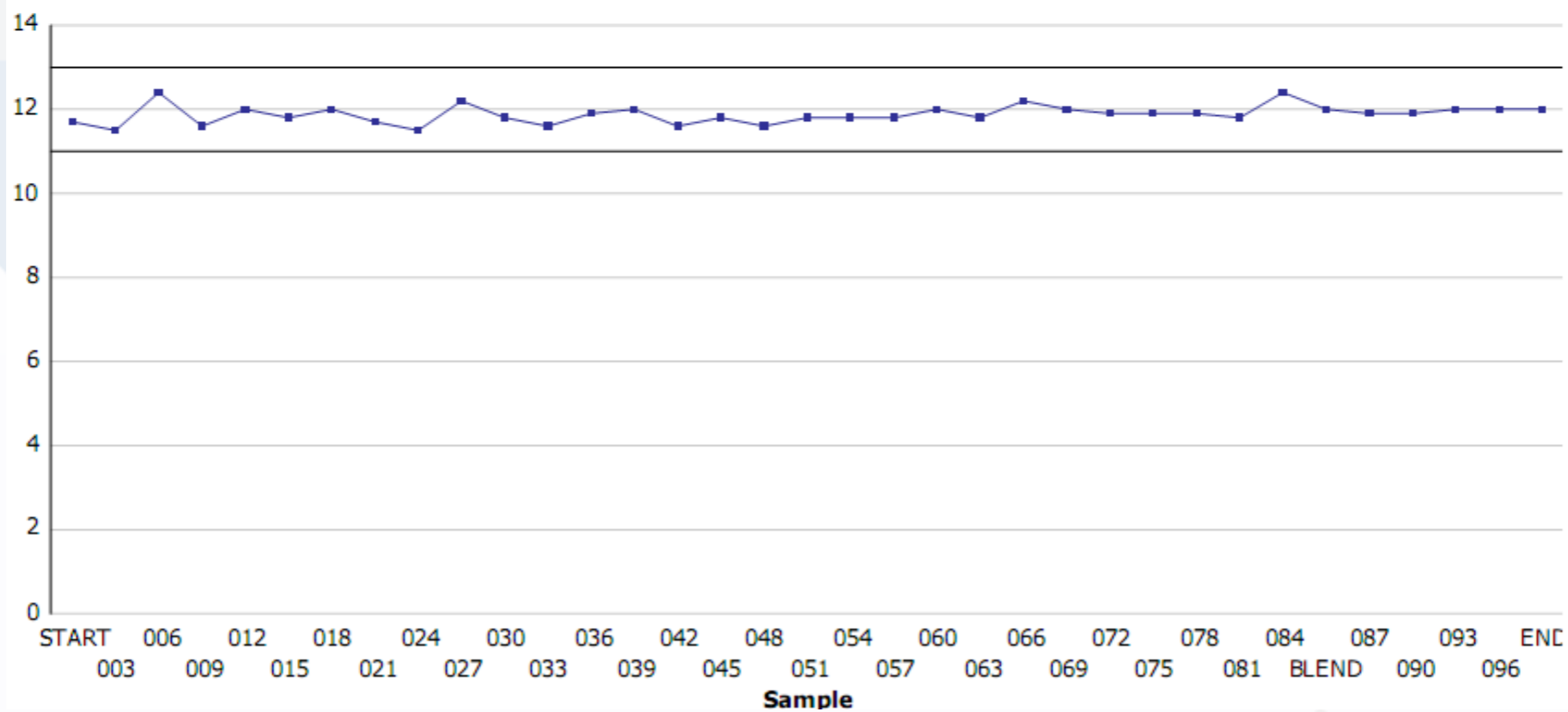
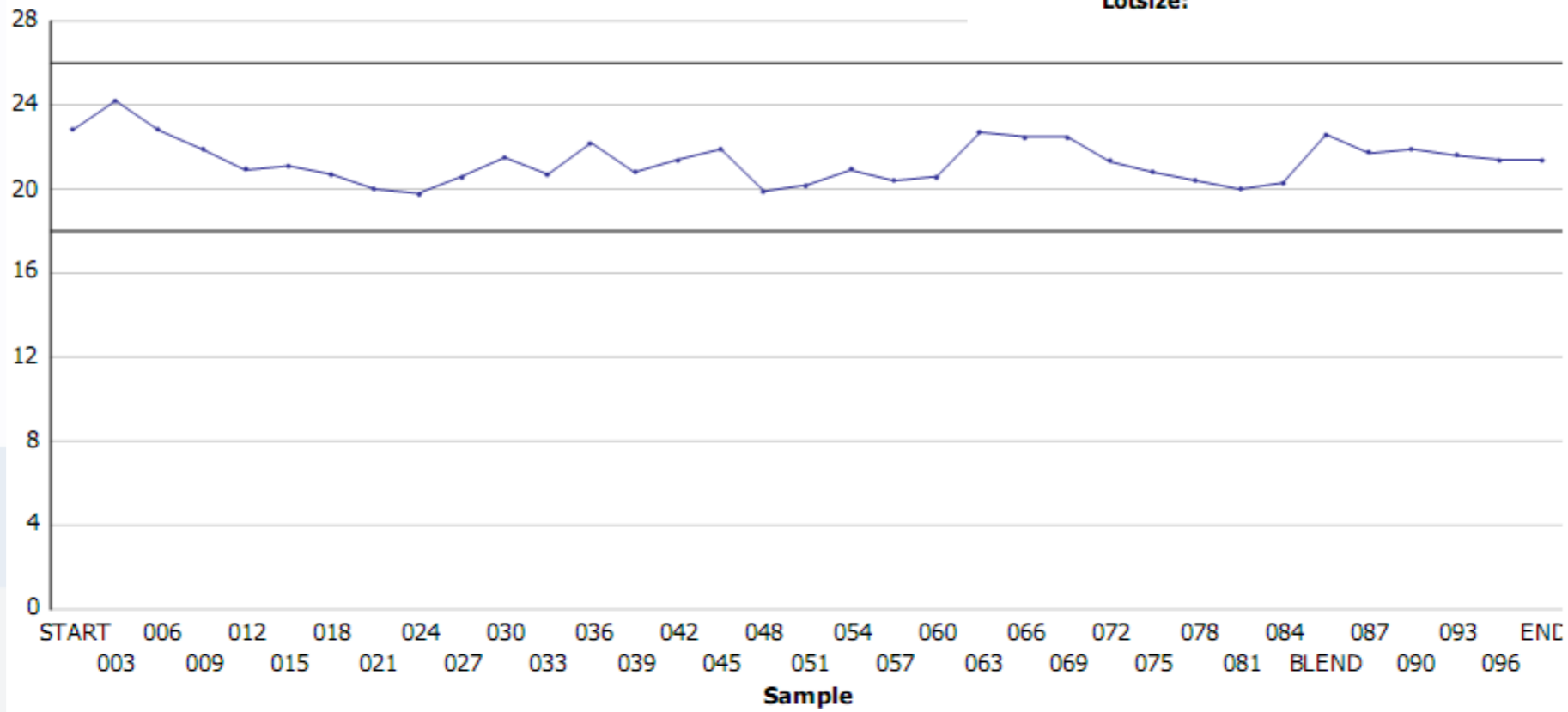
min	0,66	0,66			
Cpk	1,083	1,354	0,994	0,716	1,382
Cp	1,303	1,539	1,097		

Approved

Date **18-04-2008**



**Quality Report - graphs**



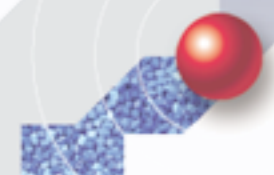
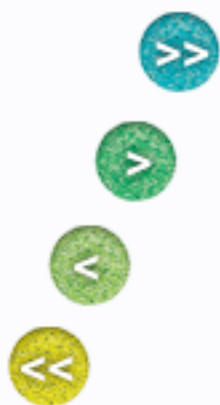
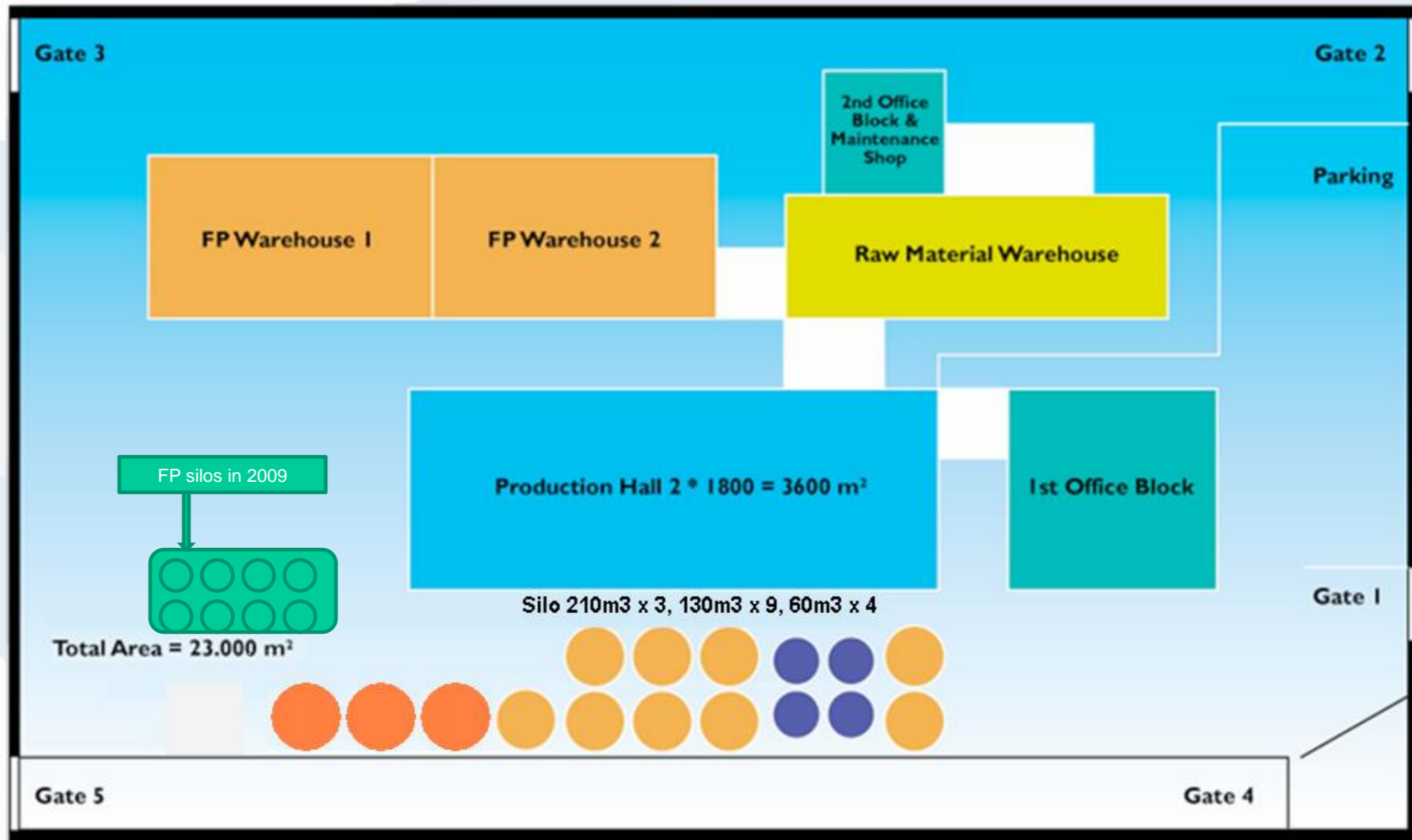
## TOTAL PRODUCT QUALITY:

1. MATERIAL BALANCE:
  1. FEEDERS INTERLOCKING
  2. CHARGING SHEETS
  3. PRODUCTION REPORT
  
2. PROCES STABILITY
  1. DATACOLLECTION SYSTEM
  2. MONITORING PROCESCONDITIONS
  3. INTERLOCKING SYSTEMS
  4. FP CIRCULATION SYSTEM
  
3. PRODUCT QUALITY
  1. FREQUENT MEASUREMENT OF CHARACTERISTICS
  2. STATISTICAL ANALYSIS OF RESULTS
  3. GRAPHICAL ANALYSIS OF RESULTS

**TOTAL PRODUCT  
QUALITY**



# LAYOUT FACTORY PLALLOY





# Hameleers

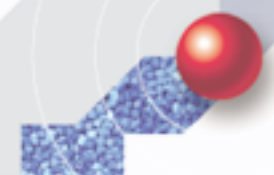
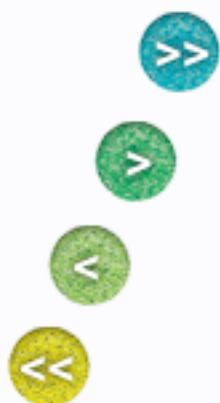
Same system,  
no double input,  
strong coordination.



**PLALLOY PRODUCTION**



**Hameleers**



## LAYOUT PLALLOY / Hameleers

