

Automotive Consulting Solution

Demand-driven packaging material planning

Agenda

- 1. Benefit for the Customer**
2. Description of the Function
3. The Function in the System
4. Technical Information

Customer Benefit

Solution



- Proven solutions/services of SAP Automotive Consulting
- Solutions already running productive at several customers
- Solutions and documentation are available in German and English

Cost



- Exact calculation of implementation cost. Implementation for fixed price
- 6 months of free follow up care operations for bug corrections starting at the date of installation within the development landscape. Afterwards chargeable consulting support starts
- No additional ongoing costs (i.e. maintenance cost)

Time



- Prompt implementation possible
- Defined timeframe for implementation

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Motivation

- The demand-driven packaging material planning allows the analysis of actual and future requirements for packaging material resulting from the determination of the demand situation of relevant documents (SD, MM, PP) and from the decomposition of related packing instructions
- The determined requirements of packaging material are compared with the stock situation of packaging material. This comparison enables a contemporary and, with respect to its' amount, equitable planning of the required packaging material
- The results are potential savings relating to packaging material with respect to (returnable packing)-leasing, storage space, costs for potential repacking and payments resulting from wrong packaging

Extract of functions

- Customizing
- Transaction
 - to display required master data (e.g. selection of packing instructions with “new” selection criteria)
and/or
 - to analyze pegging without relation to a packing instruction (e.g. the material of a SD-scheduling agreement is not assigned to any packing instruction)
- Creation of packaging material- and HU-index (via dialog or job, performance)
- Determination of requirements of packaging material
- Calculation of the range of stock
- Visualization of the situation of the requirements of packing material
- Ordering of packaging material

Concept

Determination of the requirements of packaging material

- Evaluation of relevant documents from SD, PP and MM
- Determination of the packing instruction and comparison with above-named requirements
- Determination of replenishing packaging material

Calculation of the range of stock

- Analyze of the situation of stock for packaging material
- Settlement of the corresponding pegged and replenishing requirements

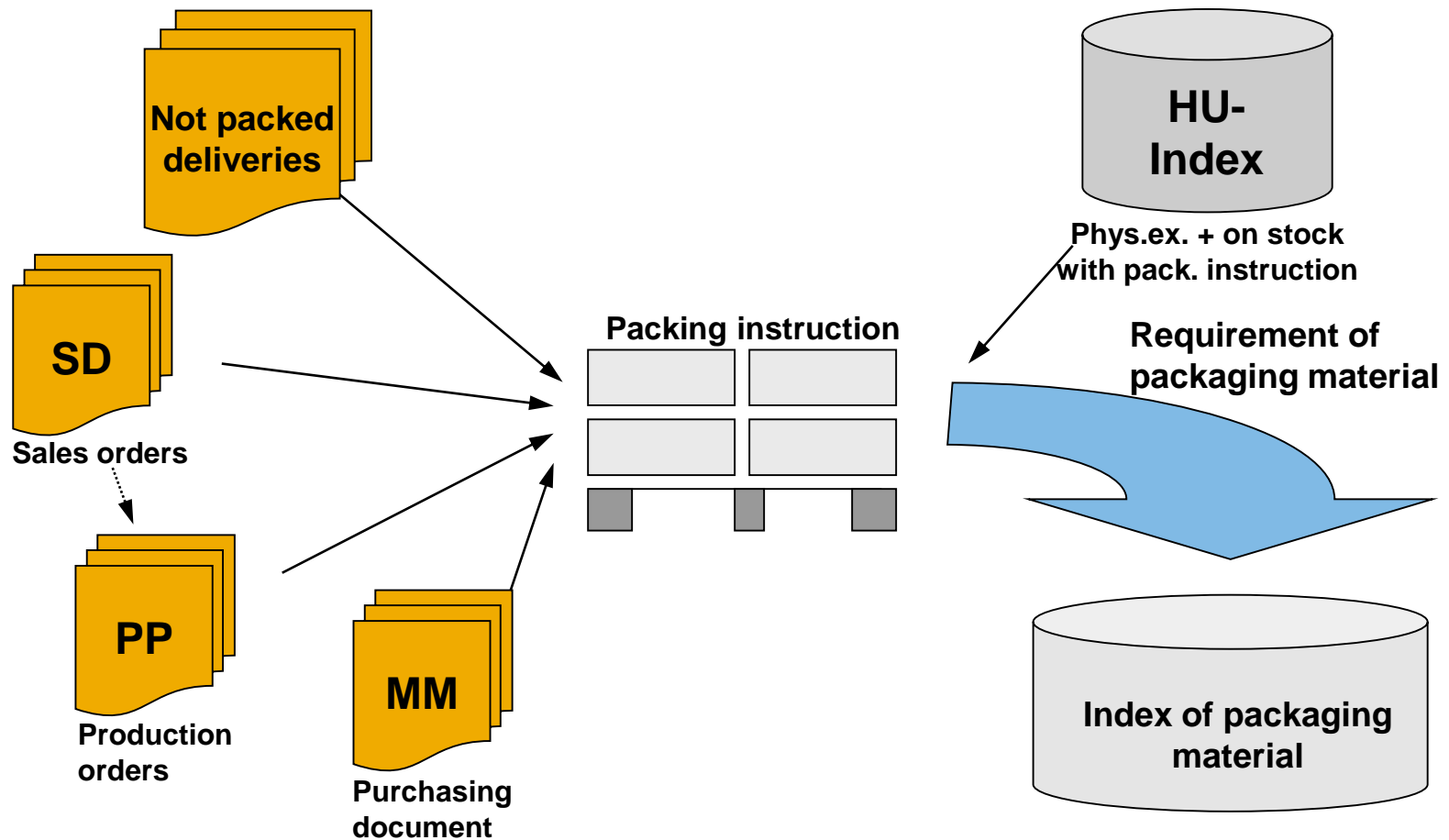
Visualization of the situation of requirements of packaging material

- Display of scheduled packaging material
- Comparison of pegged and replenishing requirements
- Detailed view of MRP-elements

Generation of orders for packaging material

- Creation of MM-schedule lines
- Settlement as replenishing requirement

Determination of the requirement of packaging material: Concept



Determination of the requirement of packaging mat.: e.g. scheduling agreement

Scheduling agreement

Customer	Sched. agl	Quantity	Date
OEM1	30023916	150	10.02.2004
	30023916	100	25.02.2004
OEM2	30024263	50	10.02.2004

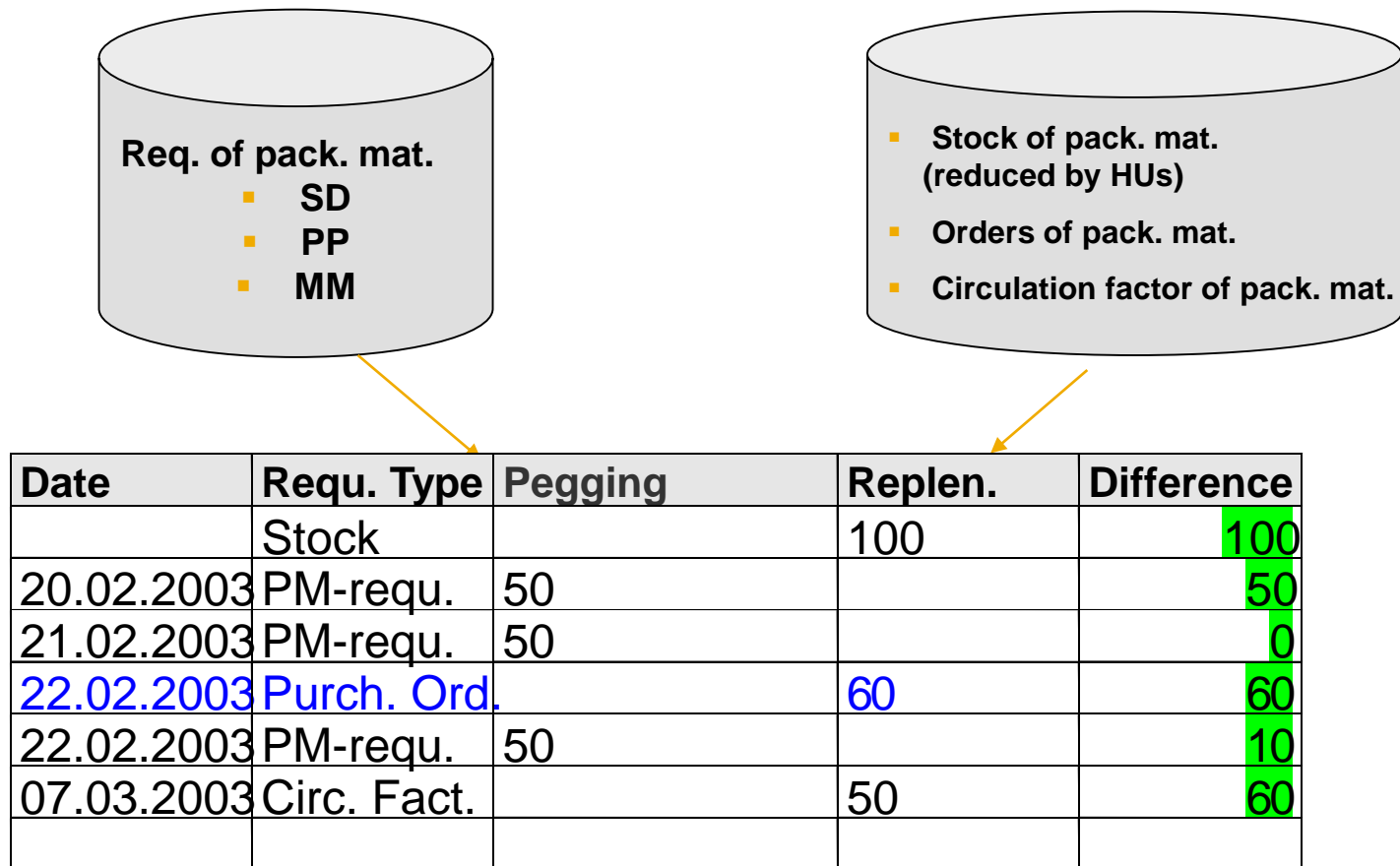
Packing instruction



Requirement of packaging material

Date	Pack. mat.	Quantity
10.02.2004	Box	8
10.02.2004	Pallet	3
25.02.2004	Box	4
25.02.2004	Pallet	1

Calculation of the range of stock



Extract of analysis sheet

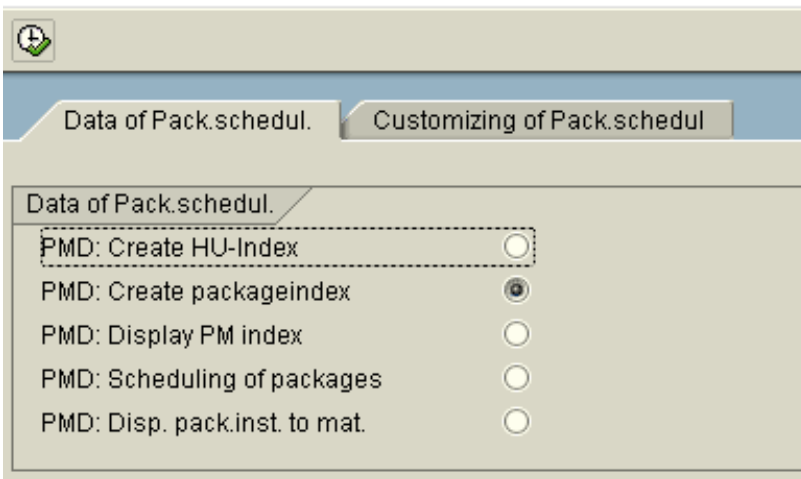
- Aggregation in the analysis sheet “PM-planning” on the level of plants, returnable packing accounts, ship-to party/supplier
- Aggregation in the analysis sheet “PM-planning” for the diurnal-, weekly- and monthly view
- Traffic light – status overview for situation of the range of the stock
- HotSpots (Possibility of jump) e.g. in the detailed view for each planning element like sales documents, packing instructions, ...
- TOP-DOWN navigation e.g. from the list of planning elements to the detailed view
- ALV (ABAP LIST VIEWER) – technology, e.g. to hide/fade in fields, totals formation, excel-download in detailed view

Agenda

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4. Technical Information

Packaging Material Planning - Cockpit

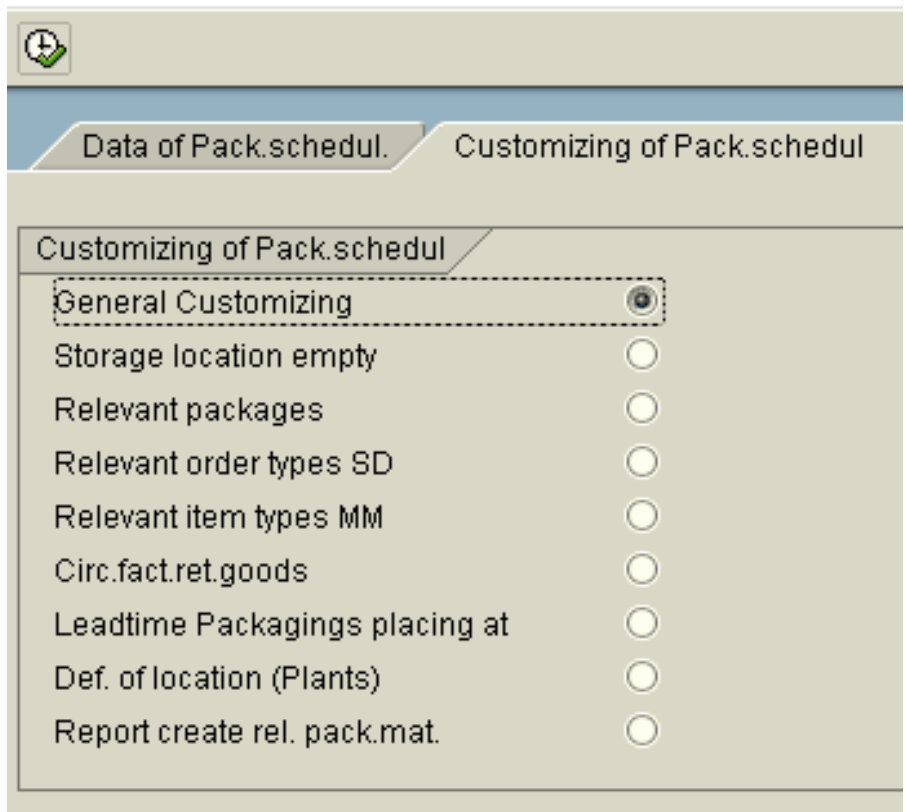
PM Planning Cockpit



The screenshot shows the 'PM Planning Cockpit' interface with the 'Data of Pack.schedul.' tab selected. A dashed box highlights the 'PMD: Create HU-Index' option, which is currently unselected. The other options are 'PMD: Create packageindex' (selected), 'PMD: Display PM index' (unselected), 'PMD: Scheduling of packages' (unselected), and 'PMD: Disp. pack.inst. to mat.' (unselected).

Data of Pack.schedul.	
PMD: Create HU-Index	<input type="radio"/>
PMD: Create packageindex	<input checked="" type="radio"/>
PMD: Display PM index	<input type="radio"/>
PMD: Scheduling of packages	<input type="radio"/>
PMD: Disp. pack.inst. to mat.	<input type="radio"/>

PM Planning Cockpit










The screenshot shows the 'PM Planning Cockpit' interface with the 'Customizing of Pack.schedul.' tab selected. A dashed box highlights the 'General Customizing' option, which is currently selected. The other options are 'Storage location empty' (unselected), 'Relevant packages' (unselected), 'Relevant order types SD' (unselected), 'Relevant item types MM' (unselected), 'Circ.fact.ret.goods' (unselected), 'Leadtime Packagings placing at' (unselected), 'Def. of location (Plants)' (unselected), and 'Report create rel. pack.mat.' (unselected).

Customizing of Pack.schedul.	
General Customizing	<input checked="" type="radio"/>
Storage location empty	<input type="radio"/>
Relevant packages	<input type="radio"/>
Relevant order types SD	<input type="radio"/>
Relevant item types MM	<input type="radio"/>
Circ.fact.ret.goods	<input type="radio"/>
Leadtime Packagings placing at	<input type="radio"/>
Def. of location (Plants)	<input type="radio"/>
Report create rel. pack.mat.	<input type="radio"/>


Customizing: Example

Change View "PM-Planning - General customizing": Details

 New entries     

Plant 


PM-Planning - General customizing



No summary	<input type="checkbox"/>
Backlog to present	<input checked="" type="checkbox"/>
Only with reqm.	<input checked="" type="checkbox"/>
Circulation rate	<input type="checkbox"/>
For exact days	<input type="text" value="30"/>
For exact weeks	<input type="text" value="30"/>
packing mat. hori.	<input type="text" value="300"/>
No. days yellow	<input type="text" value="30"/>
No. days red	<input type="text" value="30"/>
Days BSIM	<input type="text"/>
STLOC-Determ.	Storage location from customizing (LGORT empty) 
Stor.loc. empty	<input type="text"/>
Factory cal.ID	<input type="text"/>


Composition of HU- and packaging material index: Selection


PM-Planning

Create packing material index



Plant  to 

Packing material to 

Causing material to 

Calculation f.

SD ☒

PP ☐

MM ☐

Not packed supplies


☒ Consider not packed supplies



Number of days in past

☐ Show result

PM-Planning

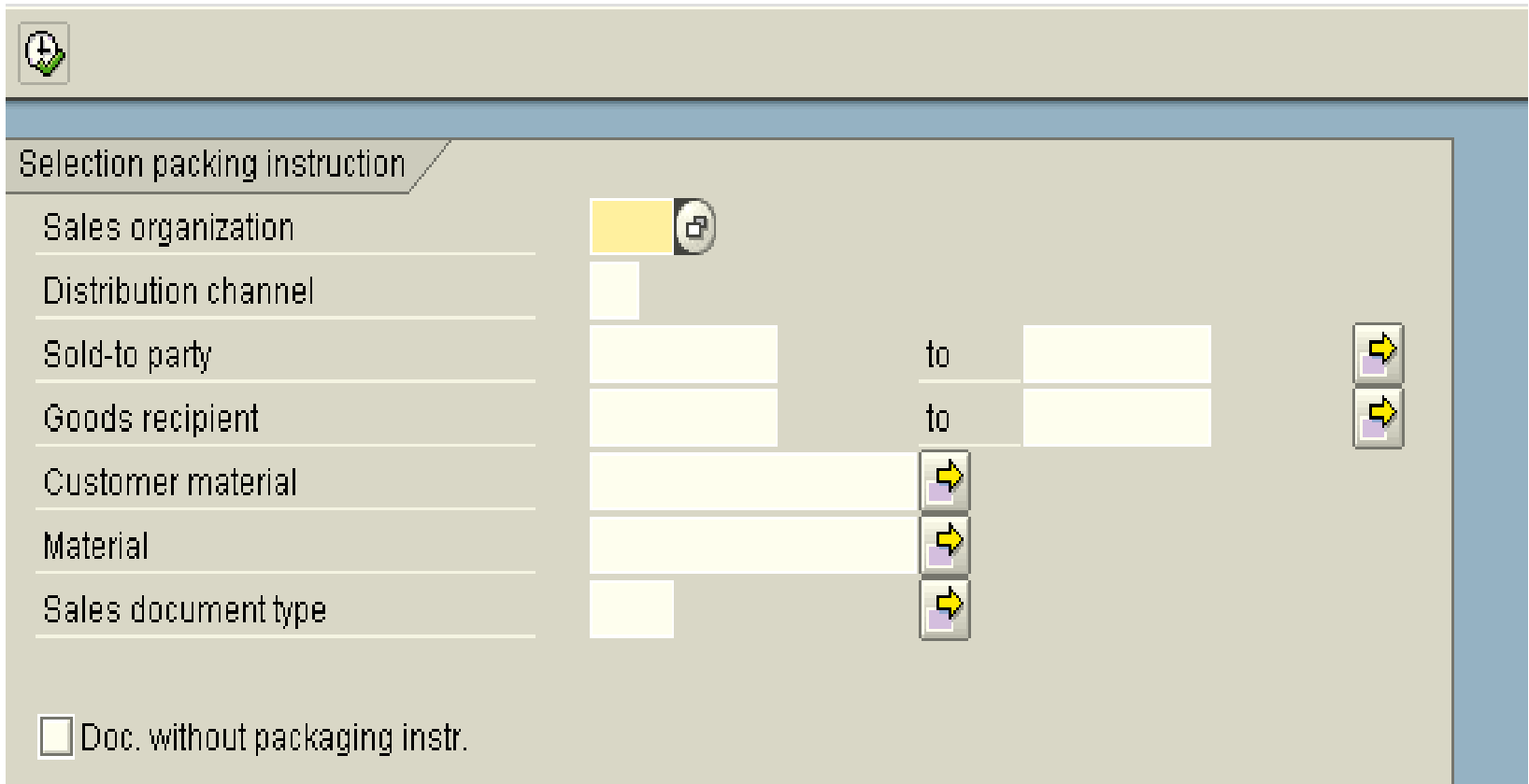
Investigation bound HU's



Plant  


Master data (Packing instruction): Selection

PM-Planning - Packaging instructions for material/customer material



The screenshot shows the 'Selection packing instruction' screen in SAP. It features a list of fields on the left for selection, each with a corresponding input field on the right. The fields are: Sales organization (with a yellow selection box and a lock icon), Distribution channel (with a small white selection box), Sold-to party (with a white selection box), Goods recipient (with a white selection box), Customer material (with a white selection box), Material (with a white selection box), and Sales document type (with a white selection box). To the right of the input fields, there are 'to' labels and arrows indicating a range or selection. On the far right, there are two stacked buttons with yellow arrows pointing right. At the bottom left, there is a checkbox labeled 'Doc. without packaging instr.'.


Selection packing instruction


Sales organization 


Distribution channel

Sold-to party to

Goods recipient to

Customer material 

Material 

Sales document type 

☐ Doc. without packaging instr.

Master data (Packing instruction): Analysis sheet

PM-Planning: Packaging instruct. for material/customer material

1000

26966 O : Palette Holz DC 5003

Material number	Description	Content	Unit
P 950000158	FLACHPALETTE HOLZ DC	1.000	ST
P 950000160	DECKEL KUNSTSTOFF KLT DC	1.000	ST

20543

Doc. number	Sold-to party	Goods recipient	Plant	Material number	Customer Material
30008081	500010	550151	1010	100164400	4B1 891 3L4 B 3NP

19813

Material number	Description	Content	Unit
P 950000428	KARTON TYP C3 TÜRVERKLEIDUNG CHINA	1.000	ST
P 950000420	ECKVERSTÄRKUNG HOLZ TÜRVERKL C5 CHINA	4.000	ST
P 950000396	PLURIBALL SACK TÜRVERKLEIDUNG C5 CHINA	4.000	ST
M 100198900	CAR DOOR CA/ME PERLN/MELA RVR	4.000	ST

Doc. number	Sold-to party	Goods recipient	Plant	Material number	Customer Material
30009154	500010	550151	1010	100198900	4B2 867 108 C LCY

19814

Material number	Description	Content	Unit
P 950000428	KARTON TYP C3 TÜRVERKLEIDUNG CHINA	1.000	ST
P 950000420	ECKVERSTÄRKUNG HOLZ TÜRVERKL C5 CHINA	4.000	ST
P 950000396	PLURIBALL SACK TÜRVERKLEIDUNG C5 CHINA	4.000	ST
M 100199000	CAR D.MEMO CA/ME PERL/MEL RVR	4.000	ST








Doc. number	Sold-to party	Goods recipient	Plant	Material number	Customer Material
30009155	500010	550151	1010	100199000	4B2 867 108 D LCY

19819

Material number	Description	Content	Unit
P 950000428	KARTON TYP C3 TÜRVERKLEIDUNG CHINA	1.000	ST
P 950000420	ECKVERSTÄRKUNG HOLZ TÜRVERKL C5 CHINA	4.000	ST
P 950000396	PLURIBALL SACK TÜRVERKLEIDUNG C5 CHINA	4.000	ST
M 100199500	CAR D.MEMO MI/LA BUFA/LAG RVR	4.000	S

PM-Planning: Doc. with


PM-Planning: Doc. without matching packaging instr.

VKORG 1000				
	Doc. number	Sold-to party	Goods recipient	Plant
	30011267	 500071	 550112	 1000
		Material number	Customer Material	
	10	 000000000100391701	 761100007	


PM-planning: Selection


PM-planning


Index dated.: 29.10.2004




Selection

Location 

Plant to 

Packing material to 

RetPackAcct to 

Pack.reqmts. off

☒ SD ☐ PP ☐ MM ☐ SD+MM

Cumulation

Location ☒

Plant ☐

Ret.packaging account ☐

Consignee / Supplier ☐

Display

Bring fward backlogs ☐ Only mat.with requ. ☐

Circ.factor active ☐

No summarising ☐ Cumulate on Months ☐


Standard ☒ Exact day 10


Exact week 20


YELLOW 5 Days purch.orders 15


RED 10


Further selections


Material pricing grp to 


Shipping point/receiving pt to 


Sales document to 

Purchasing document to 

Material to 

Sold-to party to 

Ship-to party to 

Vendor to 

Filter category

- ☒ Traffic light green
- ☒ Traffic light yellow
- ☒ Traffic light red



'Goods recip./SD' - Overview

PM-Planning

View: Goods recip. / SD

1000

- 0000550537 FUNKE WÄRMEAUSTAUSC
 - 950000007 GITTERBOXPALETTE EURO GRAU (4)
- 0000550498 NEDERLANDS RADIAT.F
 - 950000007 GITTERBOXPALETTE EURO GRAU (1)
- 0000550365 AUDI AG
 - 950000007 GITTERBOXPALETTE EURO GRAU (10)**
 - 950000050 KLT 6428 (11)
- 0000550258 Volkswagen AG
 - 950000100 GROSSBEHÄLTER BLECH AUDI-VW (1)
 - 950000007 GITTERBOXPALETTE EURO GRAU (2)
- 0000550160 AUDI AG
 - 950000007 GITTERBOXPALETTE EURO GRAU (49)
 - 950000100 GROSSBEHÄLTER BLECH AUDI-VW (1)
- 0000550042 KARMANN RHEINE GMBH
 - 950000007 GITTERBOXPALETTE EURO GRAU (3)
- 0000550068 VOLKSWAGEN AG
 - 950000007 GITTERBOXPALETTE EURO GRAU (25)
 - 950000118 KLAPPBEHÄLTER BLECH AUDI-VW (20)
- 0000550069 VW c/o SACHSENTRANS
 - 950000007 GITTERBOXPALETTE EURO GRAU (25)
 - 950000118 KLAPPBEHÄLTER BLECH AUDI-VW (20)
- 0000550118 BERTONE S.p.A.
 - 950000007 GITTERBOXPALETTE EURO GRAU (1)
- 0000550014 BMW AG
 - 950000032 GITTERBOXPALETTE KLAPPBAR BMW (31)
 - 950000034 GITTERBOXPALETTE FUXIA BMW (32)
 - 950000155 ZWISCHENLAGE DOPPELSTEGPLATTE P
 - 950000310 Behälter BMW 3108868 (33)
- 0000550011 BMW AG
 - 950000032 GITTERBOXPALETTE KLAPPBAR BMW (31)

950000007 GITTERBOXPALETTE EURO GRAU

...	Dispo date	Typ	Causer	Replenisher	Coverage
		HUS		2,00	2,000
D	26.07.2001	PMBSD	1,00		1,000
D	02.08.2001	PMBSD	1,00		0,000
D	09.08.2001	PMBSD	1,00		1,000-
D	16.08.2001	PMBSD	1,00		2,000-
D	23.08.2001	PMBSD	1,00		3,000-
D	30.08.2001	PMBSD	1,00		4,000-
D	06.09.2001	PMBSD	1,00		5,000-
D	13.09.2001	PMBSD	1,00		6,000-
D	20.09.2001	PMBSD	1,00		7,000-

'Returnable Packing Account/SD' - Overview

PM-Planning

View: Ret Pack Acc / SD

Create delivery schedule Change delivery schedule

1000

950000007 GITTERBOXPALETTE EUR

- 1496 MAGNA INTERIOR SYSTEM GMBH (1)
- 1491 JOHNSON CONTR. INTERIOR GMBH & CO. (1)
- 1494 KAYSER AUTOMOTIVE SYSTEM GmbH (1)
- 1843 Volkswagen AG (81)
- 1503 MODINE TÜBINGEN GMBH (1)
- 1476 FAIST AUTOMOTIVE GMBH + CO. KG (1)
- 1524 SEAT S.A. (1)
- 1501 NEDERLANDS RADIAT.FABR. B.V. (2)
- 2078 FUNKE WÄRMEAUSTAUSCHER APP. GMBH (4)
- 1353 BEHR LORRAINE S.A.R.L. (1)
- 1500 MODINE BERNHAUSEN GMBH (1)
- 1506 PEGUFORM WERKE AG (1)
- 2059 AUDI AG (1)
- 1493 Wilhelm Karmann GmbH (3)
- 1502 MODINE KIRCHENTELLINSFURT GMBH (1)
- 1528 SKODA Auto a.s. (1)
- 1526 SUSTAPLAST MKV KG (1)

950000016 GROSSBEHÄLTER BLECH

- 2060 AUDI AG (1)
- 1847 Volkswagen AG (1)

950000032 GITTERBOXPALETTE KLA

- 1361 BMW AG (42)

950000033 GROSSRAUMBEHÄLTER KL

- 1358 BMW AG (3)

950000034 GITTERBOXPALETTE FUX

- 1383 BMW MOTOREN GMBH (5)
- 1360 BMW AG (45)
- 1345 ACR GmbH (1)

950000038 GITTERBOXPALETTE KLA

1361 BMW AG

	Dispo date	Typ	Causer	Replenisher	Coverage
		LGKNT		162,00	162,000
D	14.02.2001	PMBSD	1,00		161,000
D	15.02.2001	PMBSD	1,00		160,000
D	27.06.2001	PMBSD	2,00		158,000
D	04.07.2001	PMBSD	44,00		114,000
D	11.07.2001	PMBSD	44,00		70,000
D	18.07.2001	PMBSD	44,00		26,000
D	25.07.2001	PMBSD	28,00		2,000-
D	01.08.2001	PMBSD	31,00		33,000-
D	08.08.2001	PMBSD	22,00		55,000-
D	14.08.2001	PMBSD	30,00		85,000-
D	22.08.2001	PMBSD	32,00		117,000-
D	29.08.2001	PMBSD	31,00		148,000-
D	05.09.2001	PMBSD	31,00		179,000-
D	12.09.2001	PMBSD	32,00		211,000-
D	19.09.2001	PMBSD	35,00		246,000-
D	26.09.2001	PMBSD	27,00		273,000-
D	03.10.2001	PMBSD	40,00		313,000-
D	10.10.2001	PMBSD	98,00		411,000-
D	17.10.2001	PMBSD	102,00		513,000-
D	24.10.2001	PMBSD	96,00		609,000-
D	30.10.2001	PMBSD	131,00		740,000-
D	07.11.2001	PMBSD	145,00		885,000-
D	14.11.2001	PMBSD	187,00		1.072,000-
D	21.11.2001	PMBSD	153,00		1.225,000-
D	28.11.2001	PMBSD	61,00		1.286,000-

'Plant/SD' – Overview

PM-Planning

View: Plant / SD

Create delivery schedule

Change delivery schedule

1000

950000007 GITTERBOXPALETTE EURO GRAU (87)

950000032 GITTERBOXPALETTE KLAPPBAR BMW (42)

950000033 GROSSRAUMBEHÄLTER KLAPPBAR BMW (3)

950000034 GITTERBOXPALETTE FUXIA BMW (48)

950000039 GITTERBOXPALETTE KLAPPBAR DC (115)

950000041 GITTERBOXPALETTE KLAPPBAR DC (41)

950000042 GITTERBOXPALETTE KLAPPBAR DC (24)

950000044 GITTERBOXPALETTE KLAPPBAR DC (48)

950000050 KLT 6428 (60)

950000056 KLAPPBEHÄLTER BLECH OPEL-CHEP (4)

950000096 PALETTE KUNSTSTOFF TRI-WALL TIV C5 (1)

950000123 KLAPPBEHÄLTER BLECH AUDI-VW (30)

950000155 ZWISCHENLAGE DOPPELSTEGPLATTE PP BMW (45)

950000173 DECKEL KUNSTSTOFF KLT BMW (1)

950000246 SCHAUMSTOFF EINLAGE PUR KIT 6 STÜCK MK (1)

950000247 SCHAUMZWISCHENLAGE PP LI DC ABDECK. W168 (7)

950000248 SCHAUMZWISCHENLAGE PP RE DC ABDECK. W168 (7)

950000254 SCHAUMSACK PUR KIT 3 STÜCK BEL. TEILE MK (1)

950000255 SCHAUMPILZ PUR MITTELKONSOLE (1)

950000256 PROFILSCHAUMSTOFF PUR TV C5 OBEN (1)

950000257 PROFILSCHAUMSTOFF PUR TV C5 UNTEN (1)

950000258 Palette Kunststoff TRI-WALL 1,2x1m (1)

950000263 Zwischenlage Holz Masonite SAAB 26214 (18)

950000264 PALETTE KUNSTSTOFF KTP (26)

950000265 DECKEL KUNSTSTOFF KTP (26)

950000267 SEITENTRÄGER TÜRVERKLEIDUNG C5 (1)

950000268 TRÄGERLEISTE TÜRVERKLEIDUNG C5 (1)

950000269 ZWISCHENLAGE PP PIERBURG SAUGROHR (26)

950000271 PROFILSCHAUMSTOFF PE PIERBURG SAUGR. UT (1)

950000274 PALETTE KUNSTSTOFF TRI-WALL BLAU (1)

950000007 GITTERBOXPALETTE EURO GRAU

...	Dispo date	Typ	Causer	Replenisher	Coverage
		LABST		289,00	289,000
D	07.03.2001	PMBSD	1,00		288,000
D	29.03.2001	PMBSD	1,00		287,000
D	04.05.2001	PMBSD	1,00		286,000
D	25.05.2001	PMBSD	2,00		284,000
D	06.06.2001	PMBSD	1,00		283,000
D	08.06.2001	PMBSD	1,00		282,000
D	11.06.2001	PMBSD	2,00		280,000
D	12.06.2001	PMBSD	1,00		279,000
D	13.06.2001	PMBSD	1,00		278,000
D	15.06.2001	PMBSD	1,00		277,000
D	18.06.2001	PMBSD	1,00		276,000
D	19.06.2001	PMBSD	3,00		273,000
D	20.06.2001	PMBSD	1,00		272,000
D	21.06.2001	PMBSD	1,00		271,000
D	25.06.2001	PMBSD	1,00		270,000
D	26.06.2001	PMBSD	1,00		269,000
D	27.06.2001	PMBSD	3,00		266,000
D	28.06.2001	PMBSD	1,00		265,000
D	02.07.2001	PMBSD	1,00		264,000
D	03.07.2001	PMBSD	1,00		263,000
D	04.07.2001	PMBSD	1,00		262,000
D	05.07.2001	PMBSD	2,00		260,000
D	06.07.2001	PMBSD	1,00		259,000
D	09.07.2001	PMBSD	1,00		258,000

'Plant/SD' – Detail SD Packing material requirements

PM-Planning **View: Plant / SD**

Create delivery schedule Change delivery schedule

1000

- 950000007 GITTERBOXPALETTE EURO GRAU (87)
- 950000032 GITTERBOXPALETTE KLAPPBAR BMW (42)
- 950000033 GROSSRAUMBEHÄLTER KLAPPBAR BMW (3)
- 950000034 GITTERBOXPALETTE FUXIA BMW (48)
- 950000039 GITTERBOXPALETTE KLAPPBAR DC (115)
- 950000041 GITTERBOXPALETTE KLAPPBAR DC (41)
- 950000042 GITTERBOXPALETTE KLAPPBAR DC (24)
- 950000044 GITTERBOXPALETTE KLAPPBAR DC (48)
- 950000050 KLT 6428 (60)
- 950000056 KLAPPBEHÄLTER BLECH OPEL-CHEP (4)
- 950000096 PALETTE KUNSTSTOFF TRI-WALL TIV C5 (1)
- 950000123 KLAPPBEHÄLTER BLECH AUDI-VW (30)
- 950000155 ZWISCHENLAGE DOPPELSTEGPLATTE PP BMW (45)
- 950000173 DECKEL KUNSTSTOFF KLT BMW (1)
- 950000246 SCHAUMSTOFF EINLAGE PUR KIT 6 STÜCK MK (1)
- 950000247 SCHAUMZWISCHENLAGE PP LI DC ABDECK. W168 (7)
- 950000248 SCHAUMZWISCHENLAGE PP RE DC ABDECK. W168 (7)
- 950000254 SCHAUMSACK PUR KIT 3 STÜCK BEL. TEILE MK (1)

950000007 GITTERBOXPALETTE EURO GRAU

Dispo date	Typ	Causer	Replenisher	Coverage
D 23.08.2001	PMBSD	1,00		213,000
D 24.08.2001	PMBSD	2,00		211,000
D 29.08.2001	PMBSD	7,00		204,000
D 30.08.2001	PMBSD	1,00		203,000
D 05.09.2001	PMBSD	7,00		196,000
D 06.09.2001	PMBSD	1,00		195,000
D 12.09.2001	PMBSD	7,00		188,000
D 13.09.2001	PMBSD	1,00		187,000
D 19.09.2001	PMBSD	7,00		180,000
D 20.09.2001	PMBSD	1,00		179,000
D 26.09.2001	PMBSD	7,00		172,000
D 03.10.2001	PMBSD	7,00		165,000
D 10.10.2001	PMBSD	7,00		158,000
D 17.10.2001	PMBSD	36,00		122,000
D 24.10.2001	PMBSD	56,00		66,000
D 30.10.2001	PMBSD	78,00		12,000
D 07.11.2001	PMBSD	121,00		133,000
D 14.11.2001	PMBSD	121,00		254,000
D 21.11.2001	PMBSD	121,00		375,000
D 09.01.2002	PMBSD	7,00		382,000
D 30.01.2002	PMBSD	7,00		389,000
D 21.02.2002	PMBSD	8,00		397,000
D 27.02.2002	PMBSD	7,00		404,000
D 26.03.2002	PMBSD	5,00		409,000
D 27.03.2002	PMBSD	7,00		416,000
D 29.04.2002	PMBSD	7,00		423,000

Detailview Elements

Detail: SD-Packing material requirements

Dispo date	Ship-to	Sales doc.	Item	Material	Dispo quantity	Pkg instr.
30.10.2001	550068	30008209	10	100072600	2,000	17957
30.10.2001	550068	30008305	10	100076002	3,000	18035
30.10.2001	550069	30008594	10	100375700	15,000	23523
30.10.2001	550160	30010101	10	100072600	6,000	17957
30.10.2001	550160	30010107	10	100105901	52,000	18574

'Plant/SD' – Detail Storage stock

PM-Planning

View: Plant / SD

Create delivery schedule Change delivery schedule

1210

- 950000007 015155 Gibo (12)
- 950000014 G-00809 (10)
- 950000025 KLT 6280 (1)
- 950000050 KLT 6428 (2)
- 950000136 Euro-Palette (1)
- 950000137 VW0012 (1)
- 950000138 001210 (1)
- 950000476 Karton groß (12)
- 950001540 InsertSWW.Rako/AMPV (1)
- 950001541 Gebinde-Insert.VT/AMPV (1)
- 950001542 Gebinde-Insert.HT/AMPV (1)
- 950001543 Brüstung.VT/AMPV (1)
- 950001544 Brüstung.HT/AMPV (1)
- 950001545 Armaufl.FS/AMPV (1)
- 950001546 Armaufl.BFS/AMPV (1)
- 950001547 Armaufl.HT/AMPV (1)
- 950001699 Behälter-VT-Insert AMPV (1)
- 950001700 Behälter-HT-Insert AMPV (1)

1300

- 950000007 015155 Gibo (17)
- 950000010 Gitterbox BMW violett (1)
- 950000034 3104444 Gibo (3)
- 950000039 DC 2032 (1)
- 950000050 KLT 6428 (1)
- 950000094 Gitterbox E-46 Basis grau (1)
- 950000095 Gitterbox E-46 Sport schwarz (1)
- 950000136 Euro-Palette (16)
- 950000602 2105321 Audi (1)

1340

- 950000007 015155 Gibo (1)

950000007 015155 Gibo

P...	Dispo date	Typ	Causer	Replenisher	Coverage
		LABST		5.397,00-	5.397,000-
W	09.2004	PMBSD	1,00		5.398,000-
W	10.2004	PMBSD	2,00		5.400,000-
W	13.2004	PMBSD	3,00		5.403,000-
W	14.2004	PMBSD	21,00		5.424,000-
W	16.2004	PMBSD	4,00		5.428,000-
W	18.2004	PMBSD	4,00		5.432,000-
W	19.2004	PMBSD	7,00		5.439,000-
W	20.2004	PMBSD	7,00		5.446,000-
W	21.2004	PMBSD	7,00		5.453,000-
W	22.2004	PMBSD	8,00		5.461,000-
W	06.2004	PMBSD	5,00		5.466,000-

Detailview Elements

Detail Storage stock

Plant	SLoc	Σ	Total	Handling-Unit	Material	Σ	Bound
		..	5.403,000-			..	6,000
1210		Σ				..	6,000
			10782487		104544301		1,000
			11986055		104532201		1,000
			11986077		104545201		1,000
			11986078		104545201		1,000
			12489092		104534201		1,000
			12489093		104534201		1,000

'RetPackAcc/SD' – Detail Returnable packag. account

PM-Planning **View: Ret Pack Acc / SD**

Create delivery schedule Change delivery schedule

1000
950000007 GITTERBOXPALETTE EUR

- 1843 Volkswagen AG (132)
- 1503 MODINE TÜBINGEN GMBH (1)
- 1502 MODINE KIRCHENTELLINSFURT GMBH (33)
- 1501 NEDERLANDS RADIAT.FABR. B.V. (2)
- 1500 MODINE BERNHAUSEN GMBH (1)
- 1491 JOHNSON CONTR. INTERIOR GMBH & CO. (1)
- 1524 SEAT S.A. (1)
- 1526 SUSTAPLAST MKV KG (3)
- 1476 FAIST AUTOMOTIVE GMBH + CO. KG (6)
- 1506 PEGUFORM WERKE AG (1)
- 1524 SEAT S.A. (1)
- 2059 AUDI AG (1)
- 2078 FUNKE WÄRMEAUSTAUSCHER APP. GMBH (3)
- 1476 FAIST AUTOMOTIVE GMBH + CO. KG (6)
- 1494 KAYSER AUTOMOTIVE SYSTEM GmbH (1)
- 2078 FUNKE WÄRMEAUSTAUSCHER APP. GMBH (3)
- 1496 MAGNA INTERIOR SYSTEM GMBH (11)
- 1843 Volkswagen AG (132)
- 1526 SUSTAPLAST MKV KG (3)
- 1493 Wilhelm Karmann GmbH (3)
- 1526 SUSTAPLAST MKV KG (3)
- 1496 MAGNA INTERIOR SYSTEM GMBH (11)
- 1494 KAYSER AUTOMOTIVE SYSTEM GmbH (1)
- 1493 Wilhelm Karmann GmbH (3)
- 1503 MODINE TÜBINGEN GMBH (1)
- 1491 JOHNSON CONTR. INTERIOR GMBH & CO. (1)
- 1506 PEGUFORM WERKE AG (1)
- 1506 PEGUFORM WERKE AG (1)
- 1503 MODINE TÜBINGEN GMBH (1)

1843 Volkswagen AG

...	Dispo date	Typ	Causer	Replenisher	Coverage
		LGKNT		106,00	106,000
D	04.05.2001	PMBSD	4,00		102,000
D	09.05.2001	PMBSD	10,00		92,000
D	10.05.2001	PMBSD	2,00		90,000
D	11.05.2001	PMBSD	1,00		89,000
D	14.05.2001	PMBSD	1,00		88,000
D	15.05.2001	PMBSD	2,00		86,000
D	16.05.2001	PMBSD	2,00		84,000
D	18.05.2001	PMBSD	17,00		67,000
D	23.05.2001	PMBSD	8,00		59,000
D	24.05.2001	PMBSD	21,00		38,000
D	25.05.2001	PMBSD	53,00		15,000
D	26.05.2001	PMBSD	31,00		46,000
D	29.05.2001	PMBSD	32,00		78,000
D	30.05.2001	PMBSD	68,00		146,000
D	31.05.2001	PMBSD	45,00		191,000
					271,000
					327,000
					363,000
					432,000
					513,000
					523,000
					631,000
					668,000
					739,000
					817,000

Detailview Elements

Detail: Returnable packaging account

RP account	Name 1	Dispo quan
1843	Volkswagen AG	106,000

'Pant/PP' – Detail Prod.-/Planned order

PM-Planning **View: Plant / PP**

Create delivery schedule Change delivery schedule

1000

- 950000007 GITTERBOXPALETTE EURO GRAU (28)
- 950000032 GITTERBOXPALETTE KLAPPBAR BMW (13)
- 950000033 GROSSRAUMBEHÄLTER KLAPPBAR BMW (2)
- 950000034 GITTERBOXPALETTE FUXIA BMW (49)
- 950000039 GITTERBOXPALETTE KLAPPBAR DC (98)
- 950000041 GITTERBOXPALETTE KLAPPBAR DC (22)
- 950000044 GITTERBOXPALETTE KLAPPBAR DC (33)
- 950000050 KLT 6428 (66)
- 950000056 KLAPPBEHÄLTER BLECH OPEL-CHEP (2)
- 950000123 KLAPPBEHÄLTER BLECH AUDI-VW (18)
- 950000155 ZWISCHENLAGE DOPPELSTEGPLATTE PP BMW (43)
- 950000247 SCHAUMZWISCHENLAGE PP LI DC ABDECK. W168 (14)
- 950000248 SCHAUMZWISCHENLAGE PP RE DC ABDECK. W168 (14)
- 950000263 Zwischenlage Holz Masonite SAAB 26214 (2)
- 950000264 PALETTE KUNSTSTOFF KTP (28)
- 950000265 DECKEL KUNSTSTOFF KTP (28)
- 950000269 ZWISCHENLAGE PP PIERBURG SAUGROHR (28)
- 950000293 PROFILSCHAUMSTOFF PE PIERBURG SAUGR. OT (24)
- 950000294 ZWISCHENLAGE PP PIERBURG SAUGROHR OT (24)
- 950000303 KLT BMW (11)
- 950000304 Kunststoffb. Klappbar CHEP FORD FLC1210 (32)
- 950000310 Behälter BMW 3108868 (50)
- 950000317 Behälter BMW 3108868 (50)
- 950000327 GITTERBOXPALETTE KLAPPBAR BMW (13)
- 950000330 DECKEL KUNSTSTOFF KTP (28)
- 950000333 Kunststoffb. Klappbar CHEP FORD FLC1210 (32)
- 950000334 BEHÄLTER BMW 3108868 (50)
- 950000335 KLT BMW (11)
- 950000345 FLACKE KUNSTSTOFF KTP (28)
- 950000346 DECKEL KUNSTSTOFF KTP (28)

950000007 GITTERBOXPALETTE EURO GRAU

...	Dispo date	Typ	Causer	Replenisher	Coverage
		LABST		168,00	168,000
D	23.04.2001	PMBPP	2,00		166,000
D	09.05.2001	PMBPP	1,00		165,000
D	18.05.2001	PMBPP	63,00		102,000
D	21.05.2001	PMBPP	12,00		90,000
D	22.05.2001	PMBPP	2,00		88,000
D	24.05.2001	PMBPP	52,00		36,000
D	18.06.2001	PMBPP	32,00		4,000
D	21.06.2001	PMBPP	46,00		42,000
D	25.06.2001	PMBPP	6,00		48,000
D	27.06.2001	PMBPP	30,00		78,000
D	02.07.2001	PMBPP	45,00		123,000
D	09.07.2001	PMBPP	43,00		166,000
D	16.07.2001	PMBPP	68,00		234,000
D	23.07.2001	PMBPP	2,00		236,000
D	26.07.2001	PMBPP	26,00		262,000
D	06.08.2001	PMBPP	1,00		263,000
D	21.08.2001	PMBPP	1,00		264,000
					374,000
					385,000
					390,000
					395,000
					400,000
					405,000
					471,000
					534,000

Detailview Elements

Detail: PP-Packing material requirements

Dispo date	Type	Prod.-/Planned order	Material	Dispo quantity	Pkg instr.
18.05.2001	PLAB	1136459	100076002	61,000	18035
18.05.2001	PLAB	887084	100354900	2,000	23157

'Pant/SD+MM' – Detail SD+MM

PM-Planning View: Pla. / SD + MM

Create delivery schedule Change delivery schedule

1000

- 950000007 GITTERBOXPALETTE EURO GRAU (156)
- 950000032 GITTERBOXPALETTE KLAPPBAR BMW (68)
- 950000033 GROSSRAUMBEHÄLTER KLAPPBAR BMW (13)
- 950000034 GITTERBOXPALETTE FUXA BMW (75)
- 950000039 GITTERBOXPALETTE KLAPPBAR DC (224)
- 950000041 GITTERBOXPALETTE KLAPPBAR DC (94)
- 950000042 GITTERBOXPALETTE KLAPPBAR DC (61)
- 950000044 GITTERBOXPALETTE KLAPPBAR DC (103)
- 950000050 KLT 6428 (140)
- 950000052 KLAPPBEHÄLTER BLECH OPEL-CHEP (51)
- 950000056 KLAPPBEHÄLTER BLECH OPEL-CHEP (35)
- 950000117 KLAPPBEHÄLTER BLECH AUDI-VW (15)
- 950000118 KLAPPBEHÄLTER BLECH AUDI-VW (31)
- 950000120 KLAPPBEHÄLTER BLECH SKODA (18)
- 950000123 KLAPPBEHÄLTER BLECH AUDI-VW (59)
- 950000155 ZWISCHENLAGE DOPPELSTEGPLATTE PP BMW (63)
- 950000173 DECKEL KUNSTSTOFF KLT BMW (9)
- 950000247 SCHAUMZWISCHENLAGE PP LI DC ABDECK. W168 (16)
- 950000248 SCHAUMZWISCHENLAGE PP RE DC ABDECK. W168 (48)
- 950000249 TIEFZIEHFOLIE KVL PIERBURG (17)
- 950000258 Palette Kunststoff TRI-WALL 1,2x1m (23)
- 950000260 Deckel Kunststoff TRI-WALL 1,2x1m (23)
- 950000261
- 950000262
- 950000263
- 950000264
- 950000265
- 950000266
- 950000267
- 950000268
- 950000269
- 950000270
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- 950000298
- 950000299
- 950000300

950000032 GITTERBOXPALETTE KLAPPBAR BMW

Dispo date	Typ	Causer	Replenisher	Coverage
	LABST		0,00	0,000
D 14.02.2001	PMBSD	1,00		1,000
D 15.02.2001	PMBSD	1,00		2,000
D 27.04.2001	PMBMM	2,00		4,000
D 07.05.2001	PMBMM	50,00		54,000
D 14.05.2001	PMBMM	50,00		104,000
D 18.05.2001	PMBMM	50,00		154,000
D 22.05.2001	PMBSD	7,00		161,000
D 23.05.2001	PMBSD	13,00		174,000
D 24.05.2001	PMBSD	15,00		189,000
D 25.05.2001	SD+MM	67,00		256,000
D 26.05.2001	PMBSD	16,00		272,000
D 29.05.2001	SD+MM	75,00		347,000
D 30.05.2001	PMBSD	21,00		368,000
D 31.05.2001	PMBSD	18,00		386,000
D 01.06.2001	SD+MM	139,00		525,000
D 05.06.2001	PMBSD	44,00		569,000
D 06.06.2001	PMBSD	135,00		704,000
				715,000
				730,000
				780,000
				963,000
				965,000
				1.006,000
				1.215,000
				1.502,000


Detail New Elements


Dispo date	Typ	Supplier	Sales doc.	Item	Material	Export	Dispo quantity	Pkg instr.
25.05.2001	PMBSD	550005	30009199	10	100255602		2,000	20338
25.05.2001	PMBSD	550005	30009446	10	100253305		7,000	20261
25.05.2001	PMBSD	550005	30009448	10	100253405		6,000	20267
25.05.2001	PMBSD	550011	30009694	10	100255602		2,000	20338
25.05.2001	PMBMM	600861	5500004218	10	100250705		50,000	20174


PM-planning: Selection with Circl. rate active

PM-Planning **Index of 24.11.2004**

Selection

Plant 1000 to 

Packing material to 

RetPackAcct to 

Pack.mat.requir. of

☒ SD ☐ PP ☐ MM

Req.-allocation

Plant ☐

Returnable Packaging Account ☐

Ship-to party / Vendor ☐

Output

Backlog to present ☐ Mat. with requirm. ☐

Circl. rate active ☒

No summary ☒ Cumulation on months ☐

Standard ☐ Exact days 30

Exact weeks 30

Days yellow 30 Days Orders 60

Days Red 30

'Plant/SD' – Function Circl. rate active

PM-Planning View: Plant / SD

Create delivery schedule Change delivery schedule

1000

- 950000007 GITTERBOXPALETTE EURO GRAU (160)
- 950000032 GITTERBOXPALETTE KLAPPBAR BMW (59)
- 950000033 GROSSRAUMBEHÄLTER KLAPPBAR BMW (13)
- 950000034 GITTERBOXPALETTE FUXIA BMW (75)
- 950000039 GITTERBOXPALETTE KLAPPBAR DC (144)
- 950000041 GITTERBOXPALETTE KLAPPBAR DC (94)
- 950000042 GITTERBOXPALETTE KLAPPBAR DC (61)
- 950000044 GITTERBOXPALETTE KLAPPBAR DC (103)
- 950000050 KLT 6428 (119)
- 950000052 KLAPPBEHÄLTER BLECH OPEL-CHEP (51)
- 950000056 KLAPPBEHÄLTER BLECH OPEL-CHEP (21)
- 950000096 PALETTE KUNSTSTOFF TRI-WALL TIV C5 (1)
- 950000117 KLAPPBEHÄLTER BLECH AUDI-VW (15)
- 950000118 KLAPPBEHÄLTER BLECH AUDI-VW (31)
- 950000120 KLAPPBEHÄLTER BLECH SKODA (18)
- 950000123 KLAPPBEHÄLTER BLECH AUDI-VW (59)
- 950000155 ZWISCHENLAGE DOPPELSTEGPLATTE PP BMW (63)
- 950000173 DECKEL KUNSTSTOFF KLT BMW (9)
- 950000246 SCHAUMSTOFF EINLAGE PUR KIT 6 STÜCK MK (1)
- 950000247 SCHAUMZWISCHENLAGE PP LI DC ABDECK. W168 (48)
- 950000248 SCHAUMZWISCHENLAGE PP RE DC ABDECK. W168 (48)
- 950000249 TIEFZIEHFOLE KVL PIERBURG (17)
- 950000254 SCHAUMSACK PUR KIT 3 STÜCK BEL. TEILE MK (1)
- 950000255 SCHAUMPILZ PUR MITTELKONSOLE (1)
- 950000256 PROFILSCHAUMSTOFF PUR TV C5 OBEN (1)
- 950000257 PROFILSCHAUMSTOFF PUR TV C5 UNTEN (1)
- 950000258 Palette Kunststoff TRI-WALL 1 2x1m (23)

950000007 GITTERBOXPALETTE EURO GRAU

Dispo date	Type	Causer	Replenisher	Coverage
	LABST		168,00	168,000
D 07.03.2001	PMBSD	1,00		167,000
D 02.04.2001	LUF		1,00	167,000
D 29.03.2001	PMBSD	1,00		166,000
D 24.04.2001	LUF		1,00	164,000
D 13.04.2001	PMBSD	4,00		163,000
D 04.05.2001	PMBSD	4,00		160,000
D 09.05.2001	PMBSD	10,00		150,000
D 10.05.2001	PMBSD	2,00		148,000
D 11.05.2001	PMBSD	31,00		117,000
D 14.05.2001	PMBSD	1,00		116,000
D 15.05.2001	PMBSD	2,00		114,000
D 16.05.2001	PMBSD	2,00		112,000
D 17.05.2001	PMBSD	1,00		111,000
D 18.05.2001	PMBSD	17,00		94,000
D 23.05.2001	PMBSD	8,00		
D 24.05.2001	PMBSD	21,00		
D 25.05.2001	PMBSD	93,00		
D 28.05.2001	PMBSD	31,00		
D 29.05.2001	PMBSD	32,00		
D 30.05.2001	PMBSD	68,00		
D 31.05.2001	PMBSD	90,00		
				176,00
				56,00
				36,00
				60,00

Change View "Returnable goods circulation factor":

New entries

Plant: 1000
Partner Number: 550042
Material: 950000007

Returnable goods circulation factor

Days to SP: 10
Days at SP: 2
Days f. SP: 10
Days inhouse: 4

Detailview Elements

Detail: Reqm. replenisher of circulation rate

Exit date	Part. num.	Dispo quan	Days to SP	Days at SP	Back	Here
29.03.2001	550042	1,000	10	2	10	4

Agenda

1. Benefit for the Customer
2. Description of the Function
3. The Function in the System
- 4. Technical Information**

Technical Information



Available for SAP ERP ECC 6.0



Activation of automotive industrialized solution in SAP ERP System not necessary



Technical installation is possible remotely



Modification-free



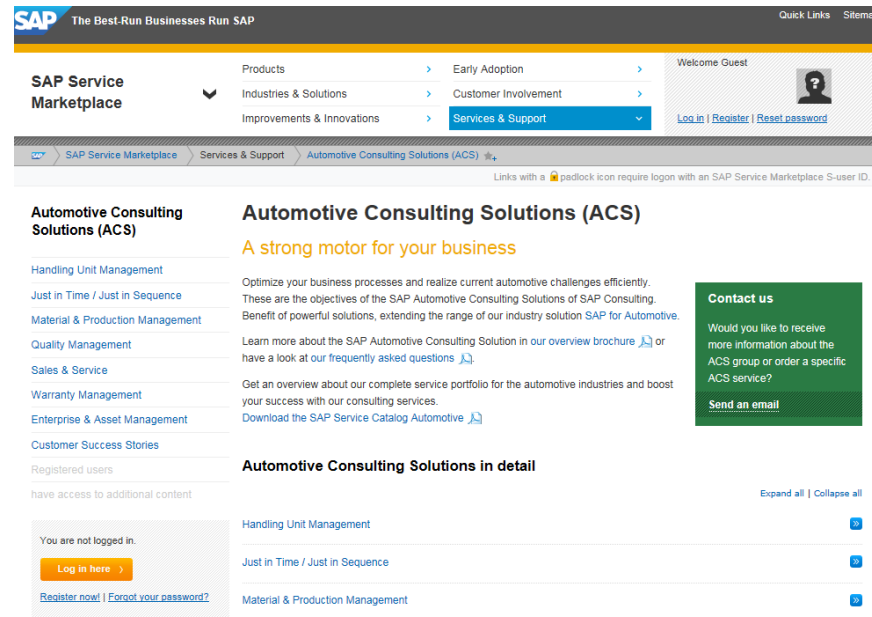
Delivery in Z-namespaces

Source of Information

Internet

Overview-, Detail- and Customer presentations

- <http://www.sap.com/acs>



Email - distribution list

Signing up through mario.rebitzer@sap.com

OSS-System

Notes (Search term: Automotive Consulting Solutions)



Thank you!

Mario Rebitzer

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