



FLOOROFFICE

WORLD LEADING SOFTWARE FOR PRECAST FLOORING

THE COMPANY

i-Theses is a team of 20 IT and construction specialists located in Belgium and is the developer of the FloorOffice software applications. With more than 20 years of experience and focus on precast flooring we understand your business. Our engineers and developers are able to think together with you on how we can optimize your business processes including production. All development is made in-house, a big advantage in a view to support

and the possibilities to align with the customer specific demands and configuration of the software.

Additionally, i-Theses is Gold Partner and Authorized Training Center for Autodesk. Our team is on high level for supporting and implementing drawing/modelling and design software for Building, Infrastructure and Geospatial solutions. Each component of the

BIM process is supported with appropriate software.

Supported by the Autodesk Developer Network, our research & development department offers the possibility to deliver tailor made solutions. This includes CAD developments, Structural engineering, Databases, Web-applications, and the integration of all these technologies.





FLOOROFFICE

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FloorOffice stands for two big parts of software solutions. On the one side we offer AutoFloor. AutoFloor is an AutoCAD based application to draw the layouts, generate the Plate Book (make sheets/shop drawings) and the Bill Of Materials. On the other side we have the FloorDesk modules based on Microsoft® SQL database technology. FloorDesk software is built to Plan, Optimize and Manage the production and stock. Automatic generation of all production documentation and connecting to production machinery is provided in the FloorDesk modules. AutoFloor and FloorDesk are seamlessly integrated.





Preparing a quotation with FloorDesk

**DELIVERY ORDER**

I-THESES BVBA 1

MOORTELSSTRAAT 27
9160 LOKEREN
Tel. +32 494 74.72.99
VAT

Transport	DE SMET
Delivery date	07/09/2015 0:00
Freight	2
Remark	

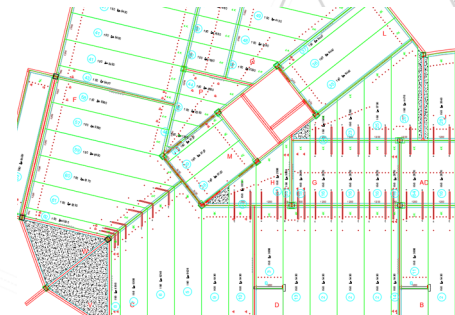
i-Theses bvba | Moortelstraat 27 BE-9160 Lokeren



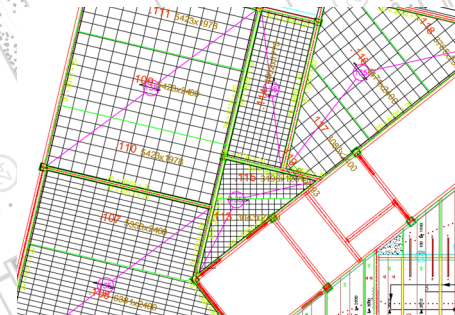
DRAW

AutoFloor, is a very easy-to-use, AutoCAD-based software that comes in two options. Customers who already have a full AutoCAD available can use the AutoFloor drawing app. Customers who don't have a full AutoCAD yet can use the AutoFloor ID. AutoFloor ID includes the Autodesk CAD Engine. AutoFloor enables you to draw and label layouts for all types of prefab floors: hollowcore slabs, solid slabs, prestressed- and reinforced slabs, filigree slabs as well as T-beam systems.

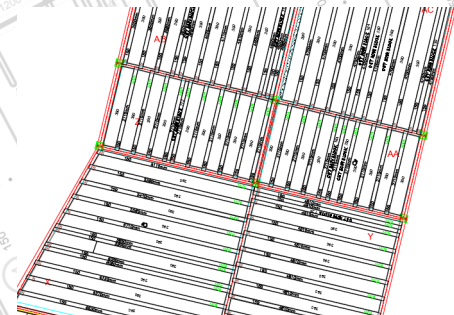
AutoFloor is developed by using Object Oriented Technology. This means layouts are created in 50% less time. Last minute changes, for example extra recesses, changing notches, open cores, changing dimensions, etc. can easily be done taking into account all previous defined rules in a view to bearing, ripped slabs and accessories, as well as production status if the FloorDesk production modules are available. Having inconsistencies because people forget something to edit is avoided. AutoFloor does the check for you and will update and/or get back with a message when necessary. Less failure, less waste, less issues on-site, delivery on schedule!



Hollowcore slabs layoutplan



Filigree slabs layoutplan



T-Beam systems layoutplan



DRAW

The integrated design with PreConSlab Structural Analysis is another key differentiator. You want to see if the slab will cover the loads? You want to add additional point loads? You want to have a view on the behavior after adding hangers? You want to take into account the load distribution according EuroCode... Just define the loads in AutoFloor and see the effect directly in the drawing. Connect with PreConSlab BlackBox, Pro or Pro+ and dimension or check if the slab configuration works. Accessories like open cores, notches, hangers and even cantilevers are taken into account when interfacing towards PreConSlab and will help you to speed up the drawing and design process.

Links towards other third party software for design or administration can be evaluated and developed on demand.

Page 18 (2025)										Page 19 (2025)											
Year	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Year	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank
2000	100	1	100	1	100	1	100	1	100	1	2000	100	1	100	1	100	1	100	1	100	1
2001	99	2	99	2	99	2	99	2	99	2	2001	99	2	99	2	99	2	99	2	99	2
2002	98	3	98	3	98	3	98	3	98	3	2002	98	3	98	3	98	3	98	3	98	3
2003	97	4	97	4	97	4	97	4	97	4	2003	97	4	97	4	97	4	97	4	97	4
2004	96	5	96	5	96	5	96	5	96	5	2004	96	5	96	5	96	5	96	5	96	5
2005	95	6	95	6	95	6	95	6	95	6	2005	95	6	95	6	95	6	95	6	95	6
2006	94	7	94	7	94	7	94	7	94	7	2006	94	7	94	7	94	7	94	7	94	7
2007	93	8	93	8	93	8	93	8	93	8	2007	93	8	93	8	93	8	93	8	93	8
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2009	91	10	91	10	91	10	91	10	91	10	2009	91	10	91	10	91	10	91	10	91	10
2010	90	11	90	11	90	11	90	11	90	11	2010	90	11	90	11	90	11	90	11	90	11
2011	89	12	89	12	89	12	89	12	89	12	2011	89	12	89	12	89	12	89	12	89	12
2012	88	13	88	13	88	13	88	13	88	13	2012	88	13	88	13	88	13	88	13	88	13
2013	87	14	87	14	87	14	87	14	87	14	2013	87	14	87	14	87	14	87	14	87	14
2014	86	15	86	15	86	15	86	15	86	15	2014	86	15	86	15	86	15	86	15	86	15
2015	85	16	85	16	85	16	85	16	85	16	2015	85	16	85	16	85	16	85	16	85	16
2016	84	17	84	17	84	17	84	17	84	17	2016	84	17	84	17	84	17	84	17	84	17
2017	83	18	83	18	83	18	83	18	83	18	2017	83	18	83	18	83	18	83	18	83	18
2018	82	19	82	19	82	19	82	19	82	19	2018	82	19	82	19	82	19	82	19	82	19
2019	81	20	81	20	81	20	81	20	81	20	2019	81	20	81	20	81	20	81	20	81	20
2020	80	21	80	21	80	21	80	21	80	21	2020	80	21	80	21	80	21	80	21	80	21
2021	79	22	79	22	79	22	79	22	79	22	2021	79	22	79	22	79	22	79	22	79	22
2022	78	23	78	23	78	23	78	23	78	23	2022	78	23	78	23	78	23	78	23	78	23
2023	77	24	77	24	77	24	77	24	77	24	2023	77	24	77	24	77	24	77	24	77	24
2024	76	25	76	25	76	25	76		76		2024	76	25	76	25	76		76		76	

Bill of materials - Hollowcore slabs

[illegible]

Plate Book - Hollowcore slabs

No	Stand	Type	Plant area (mm)	Vibr. plate (mm)	Trahe height (mm)	L/W ratio (mm)	Length (mm)	L/W ratio (mm)	Breasts (mm)	Growth (mm)	Large (mm)	Dears (mm)	Inst. val.
107	2400	R	50	135	70		5353		2400	1601	436	196	
108	2400	R	50	135	70		6381		2400	1735	436	196	
109	2400	R	50	135	70		5423		2400	1627	224	196	
110	2400	R	50	135	70		5423		1978	1340	224	196	
111	2400	R	50	135	70		5423		1978	1336	224	196	
112	2400	R	50	135	70		5091		1541	863	436	196	
113	2400	R	55	135	70		3043		2400	405	628	565	
114	2400	R	55	135	70		4802		1775	1169	452	628	
115	2400	R	55	135	70		3196		1281	562	628	565	
116	2400	G	55	135	70		4471		2400	1279	283	283	
117	2400	G	55	135	70		3093		2400	883	283	283	
118	2400	G	55	135	70		3785		2398	743	283	283	
119	2400	G	55	135	70		603		293	12	283	283	

Tot. weight : 10180 kg Tot. area : 117.83 m ²	Description : Address : City :
--	--

Plans : _____
 Dossier : _____ Date 18 _____
Couturier :

Bill of materials - Filigree slabs

116

Plate Book - Filigree slabs

Bill of material						
M104						
Label	Count	Length	Width	Reinf.code	Area	
66	1	5.86	12.50	MT04	0.73	
67	1	6.05	12.50	MT04	0.76	
68	1	6.53	12.50	MT04	0.82	
69	1	6.27	12.50	MT04	0.78	
70	1	6.23	12.50	MT04	0.78	
71	1	6.08	12.50	MT04	0.76	
72	1	5.32	12.50	MT04	0.66	
				Area	=	33.74 m2
				Weight	=	1.18 Ton

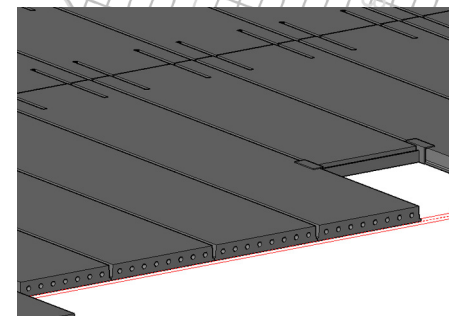
660 kg/m ³ - 440/214		1042	6.21Kg/block	
Infill 100 : 0			Area	= 98.11 m2
Infill 140 : 0			Weight	= 6.48 Ton
Infill 2x100 : 0				

Bill of materials - T-Beam systems

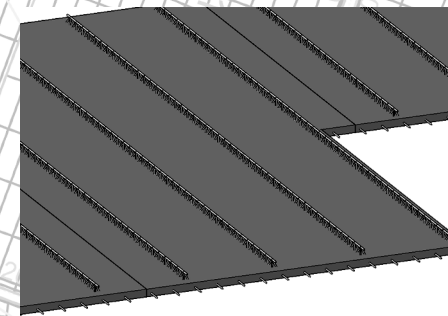


DRAW

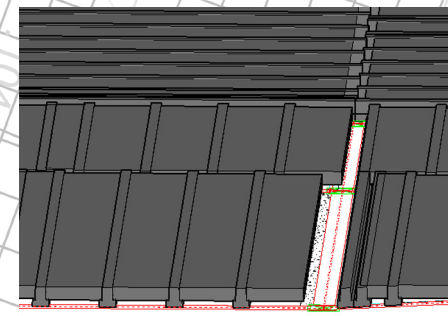
Layouts can be represented in 2D as well as 3D and AutoFloor offers a perfect fit in the BIM workflow. AutoFloor exchanges data via object enablers and IFC. All graphic data and properties of the slabs are available for all other software applications supporting IFC standard such as Autodesk Revit, Autodesk Navisworks and all other BIM software applications.



Hollowcore slabs layoutplan in 3D



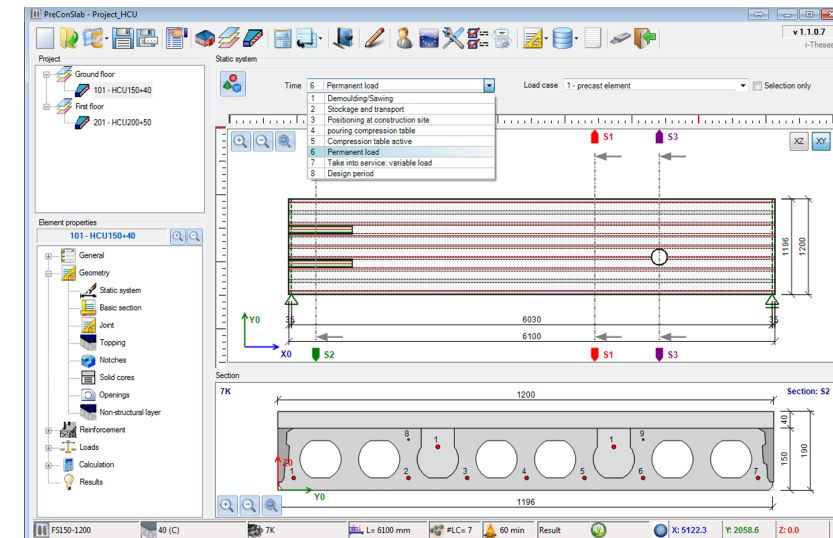
Filigree slabs layoutplan in 3D



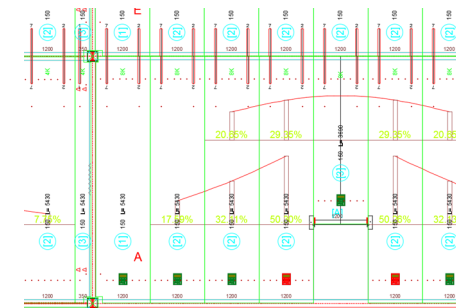
T-Beam systems layoutplan in 3D

DESIGN & ANALYZE

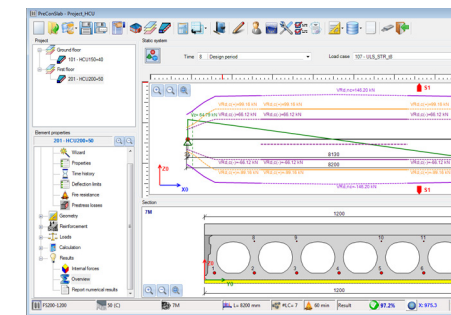
PreConSlab is a software tool to design and analyze prestressed or reinforced concrete flooring systems. All calculations are performed according to EuroCode 2, in conjunction with National Annexes. Additionally hollowcore slabs are checked against EN1168, while T-Beam systems are checked against EN15037. Other localizations and design standards like ACI (US) are on planning. The software can be used as a stand-alone application (Pro+, Pro and LT edition), or as an integrated application within AutoFloor allowing easy and fast design checks. CAD objects defined on the drawing in Autofloor, such as open cores, recesses, notches, hangers, point- and line loads can be directly loaded into PreConSlab's calculation engine without interface. The calculation results are shown in Autofloor in a graphically manner or by a generated PDF report. For special cases the full interface of PreConSlab (Pro or Pro+ edition) can be launched from Autofloor allowing an experienced engineer to continue the more advanced analysis.



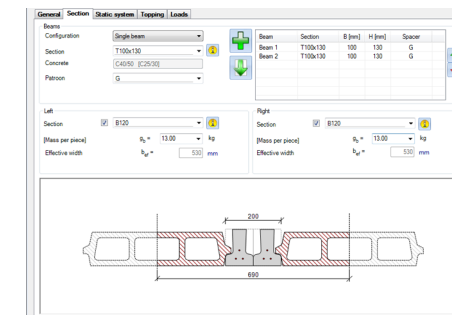
PreConSlab interface



Point- and line loads in AutoFloor



Calculation overview in PreConSlab



Wizard T-Beam systems



The FloorDesk Planners, based on Microsoft SQL Server®, are a direct link between design and production. FloorDesk Planners are, as always, developed in close cooperation with the industry. Based on years of experience the FloorDesk planners will surely impress. You'll have tools you probably didn't expect they exist. Planning for all different kinds of prefabricated flooring production can be done in no time and in the most optimized way.

"Since we are experienced users in FloorOffice, we often do jobs in a few hours where it took us sometimes 2 days with our previous software"

Declan Davin, Design Manager, Oranmore, United Kingdom





FLOORDESK BEDPLANNER

Check all your jobs to optimize planning. Plan based on the delivery date? Just use a filter. Same depth? Same strand? Concrete quality? All types of filters are available... You have a waste? Check for a stock solution... Some post-processing jobs in dry concrete in your production? Covered! Can be done. Production on different plants? Not an issue, just a matter of configuration. The FloorDesk planners make the real difference in optimizing the production process. All production documentation like checklists, plate books per bed, production listings, sawlists, labels, link to CAM software and devices such as bed plotters, quality control are just a push of the button away. No CAD engine needed. An easy-to-use and dedicated fully graphical interface keep the learning curve very short. Multi user and integrated in the other FloorDesk modules? Of course!

[illegible]

Bill of Material for the production

		Production	2015.7	Reinf.	4K	Bed	L10 (1200)	1/7	
8500 Lakeshore, Niagara Tel: +1 (905) 883-7100 Fax: +1 (905) 883-7109 www.ithesesa.com		Date	18/03/2015	Cover	25 mm	Mould	HCS 150-1200		
		Date seen		Concrete	C50/60	Machine	M1		
Label	16	Length	5,43 m	Width	1,200 mm	Type	HCS 150-1200	Quantity	1
Cargo	2	E.R.1		E.R. Ver.2		Acc.	1xS, 1xS, 1xHK	Weight	1694 kg
Project	WFCMAna	Drawing	25	Site	Rony Verlae	Customer	iThesesa	Order	

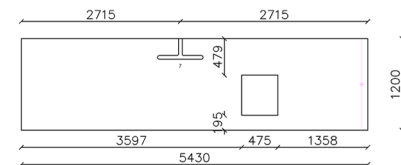


Plate Book with production details

[illegible]

BedPlanner with Hollowcore slabs and T-Beam systems



FLOORDESK TABLEPLANNER

The FloorDesk TablePlanner is developed to optimize the production of Reinforced Hollowcore slabs. Produced in moulds of a certain dimension you can combine different lengths together. Based on information from the drawing and/or as a responsible for stock management and production planning, you have an immediate overview on which types become critical. Managing your stock is easy since you have all information in tables clearly identified in color on what types you are below minimum stock. Minimum and maximum stock can be configured following company demands. To combine production of different stock lengths a graphical interface is available.



FloorDesk i-Theses bvba - Table planner

File Administration Edit View Tools Help

of 0 | 4 pending imports: New drawing to be imported | Customer Project No Order No Delivery No Internal Delivery No Postcode Automated tasks: 0/1 active

Mainmenu Customers Documents Relations Projects Orders Deliveries and invoices Internal deliveries Stock New project New order Tasks

Primary Import Config Administration Capacity planning Production Calendar Bed planner Table planner TaCarrouselPlanner YardPlanner Logistics planner

81: vr 15/03 F130-600 (OG)

Planned, editing the production schema not available.

Number 81

Date 15/03/2013 Date available 18/03/2013 Pick date

Machine OG 240 240 600 600

Mould F130-600 (OG) G 130 1 100

Schema

Qty	Len	W	Load	Cov	Reinf.	Stk	Qty	Len	W	Load	Cov	Reinf.	Stk
12 x	4.05	600	350	25	4X095 S	20	x	3.60	600	350	25	4X080 S	20
8 x	4.00	600	350	25	4X090 S	20							

View reserv. F.0 @Primary R.12 View reserv. F.20 @Primary R.0

Stabs 20 # Tables 20

Qty	Len	W	Load	Cov	Reinf.	Stk	Qty	Len	W	Load	Cov	Reinf.	Stk
90 x	3.95	600	350	25	4X090 S	30	x	2.40	600	350	25	4X055 S	30

View reserv. F.1 @Primary R.03 View reserv. F.90 @Primary R.0

Stabs 90 # Tables 90

Series 2 active Insert above Insert below Delete series 2 Move up Move down

Stabs 220 Pz # Tables 110 Pz Area 434.46 m² Eff. 82%

Remove from planning Export Produced Save Delete Close Next change

Ready

Table planner

Stock location Typ H. W. Len. Reinf. Cov (mm) Load Min Max Res. Free Tot. Diff Tot. Prod. Tot. <v14 28/03 30/03 31/03 01/04 04/04 Tot. >v15 Prod. diff % Tot. stock

Primary	G	130	600	3.40	4X075	25	350	0	300	13	147	160	153							153	51.0%	160
Primary	G	130	600	1.50	4X050	25	350	0	150	1	74	75	76							76	50.7%	75
Primary	G	130	600	1.90	4X050	25	350	0	150	4	75	79	75							75	50.0%	79
Primary	G	130	600	3.70	4X085	25	350	0	300	45	157	202	143							143	47.7%	202
Primary	G	130	600	4.00	4X090	25	350	0	300	74	10	84	290	148	148					142	47.3%	232
Primary	G	130	600	2.60	4X060	25	350	0	250	42	135	177	115							115	46.0%	177
Primary	G	130	600	3.80	4X085	25	350	0	300	0	65	65	235	100	100					135	45.0%	165
Primary	G	130	600	3.10	6x070	25	700	0	80	19	45	64	35							35	43.8%	64
Primary	G	130	600	2.40	4X055	25	350	0	250	8	51	61	197	90	90					107	42.8%	151

Stock reservation

To produce with stock

Delivery from	Current location	Deadline	Approved	Cargo	Qty.	Typ	H.	W.	Len	Reinf.	Cov (mm)	Load	Acc.	Cut.	Project	Draw.	Tot. Prod.	Tot. <v14 28/03 30/03 31/03 01/04 04/04 Tot. >v15	Prod. diff %	Tot. stock	
2	Primary	Primary		0	5	G	130	600	2.20	4X050	25	350	3	ER	Demo i-Theses	13.11.001	2				
4	Primary	Primary		0	1	G	130	600	2.20	4X050	25	350	4	ER, H...	Demo i-Theses	13.11.001	2				

Possible stock solutions @ Primary

☐ Different type ☐ Different cover ☐ Different reinforcement ☐ Double length solution ☒ Restricted max length (2.20 + 1.00 m)

Stock location	Typ	H.	W.	Len	Reinf.	Cov (mm)	Load	Min	Max	Res.	Free	Tot.	Diff	Tot. Prod.	Tot. <v14 28/03 30/03 31/03 01/04 04/04 Tot. >v15	Prod. diff %	Tot. stock				
Primary	G	130	600	2.20	4X050	25	350	0	250	10	38	48	212						212	84.8%	48
Primary	G	130	600	2.30	4X050	25	350	0	250	21	50	71	200						200	80.0%	71

5 piece(s) for stock picking

Apply Cancel

Primary	Primary	05/09/13		0	6	G	130	600	0.95	4X050	35	700	3		VAN DER VELDEN NV	13.08.217	1				
Primary	Primary	05/09/13		0	12	G	130	600	2.15	6X050	35	700	9		VAN DER VELDEN NV	13.08.217	1				

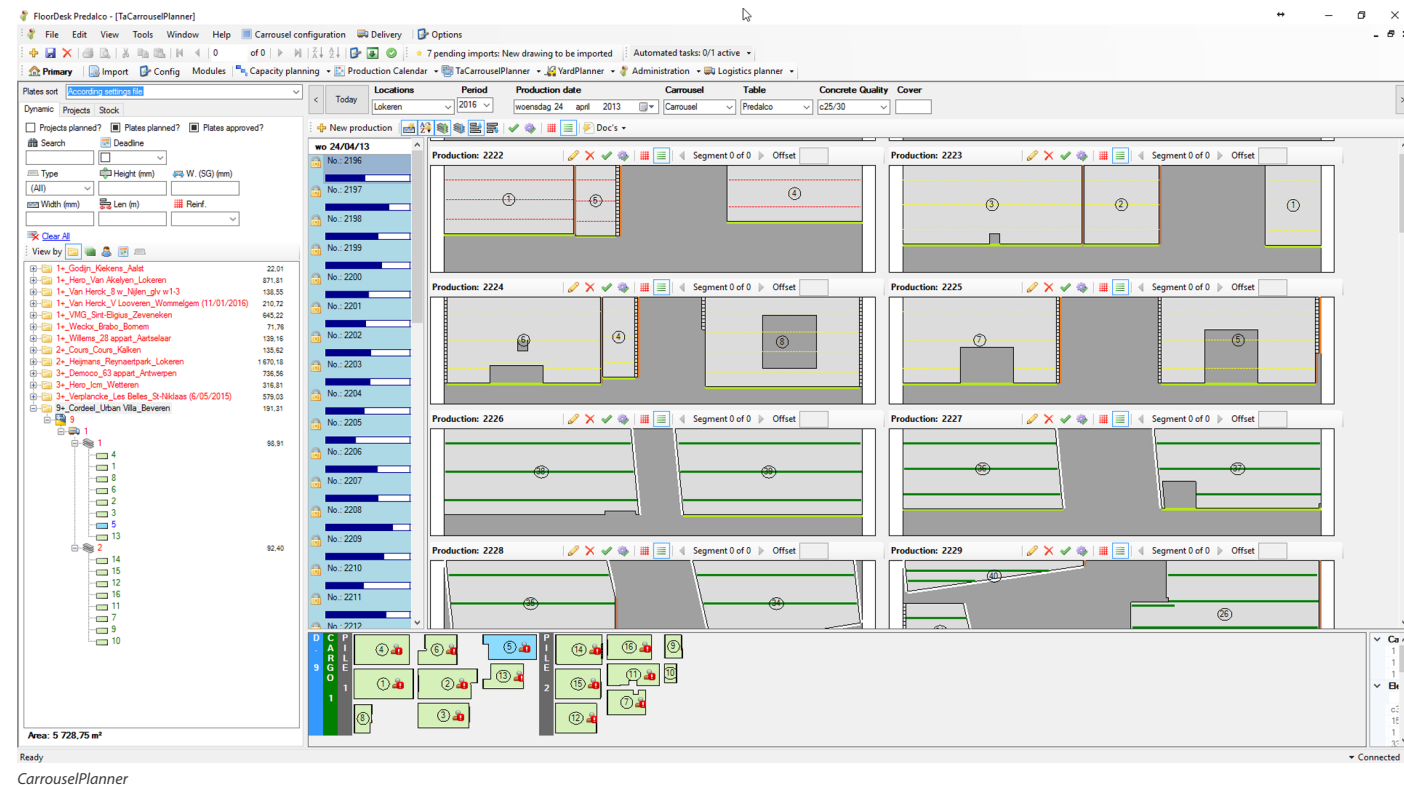
Connected

TablePlanner and Stock reservation



FLOORDESK CARROUSELPLANNER

In the same range of Production Planning, FloorDesk offers also a module for carousel planning for the production of filigree/lattice girder slabs. Slightly different but with the same efficiency you can plan in an optimized way the filigrees on the tables. Click the slab, the stack, the cargo or the whole project at once and drag it on the tables. The CarouselPlanner will fill the tables automatically taking in account the formwork bar dimensions. Not fully happy as it is done in the automatic way? No problem... Click the filigree, drag and drop it to another table. A graphical representation of the position of the tables helps you to decide on how to optimize. Fast and easy. All production documentation will be generated following company standards. Production listings and statistics reports are provided as a standard functionality.





FLOORDESK CALENDAR

Production is planned on the Bed, the Carousel or the Tables. We are just a few clicks away to plan the production on the FloorDesk Calendar. Check for the productions to plan on the right date and drop them on the day you want to produce. Put your cursor on the information bar and have all information in a few words about the filled percentage of the bed, what jobs are planned on the bed, did we plan stock production on that bed, etc...

The FloorDesk Calendar can be configured taking into account curing time needed per bed in a view to promised delivery. Colored presentation and warnings will help you to keep the global overview on your planning in time. Drag and drop to make adjustments. Open production details from here in order to further fill up production when the date comes near. Look up on which production dates a particular job will be taken care of. The complete set of production documents and data for the following day of production can be generated with one push on the button. The extension Capacity Planner will allow salespeople to estimate delivery dates based on just knowledge of square meters, or to make reservations on the planning even before the drawing has been detailed in Autofloor.



FloorDesk i-Theses bvba - [Production Calendar]

FileAdministrationEditViewToolsWindowHelp

of 0

Nothing to import

CustomerProject NoOrder NoDelivery NoInternal Delivery NoPostcodeAutomated tasks: 0/1 active

MainmenuCustomersDocumentsRelationsProjectsOrdersDeliveries and invoicesInternal deliveriesStockNew projectNew orderTasks

PrimaryImportConfigAdministrationCapacity planningProduction CalendarBed plannerTable plannerTaCarouselPlannerYardPlannerLogistics planner

Planned productions

Beds (Beams) Beds (Prestressed) Carousel (WideSlabs) Tables (Reinforced)

<<<Project colors>>>

d 03/09

vr 04/09

do 05/09

vr 06/09

za 07/09

zo 08/09

ma 09/09

d 10/09

L1 (1200)

L2 (1200)

L3 (1200)

L4 (1200)

L5 (2x600)

No. 2013b.186 Qty: 0 HCS 265-1200...

No. 2013b.162 Qty: 129 HCS 200-1200...

No. 2013b.214 Qty: 130 HCS 200-1200...

No. 2013b.271 Qty: 131 HCS 265-1200...

No. 2013b.221 Qty: 136 HCS 265-1200...

No. 2013b.187 Qty: 135 HCS 265-1200...

No. 2013b.163 Qty: 127 HCS 200-1200...

No. 2013b.215 Qty: 138 HCS 200-1200...

No. 2013b.265 Qty: 134 HCS 265-1200...

No. 2013b.266 Qty: 132 HCS 265-1200...

No. 2013b.188 Qty: 119 HCS 265-1200...

No. 2013b.163 Qty: 133 HCS 200-1200...

No. 2013b.190 Qty: 132 HCS 200-1200...

No. 2013b.272 Qty: 134 HCS 150-1200...

No. 2013b.267 Qty: 132 HCS 265-1200...

No. 2013b.200 Qty: 64 HCS 265-1200...

No. 2013b.176 Qty: 133 HCS 180-600 / ...

No. 2013b.291 Qty: 53 HCS 265-1200...

No. 2013b.273 Qty: 132 HCS 150-1200...

No. 2013b.268 Qty: 128 HCS 265-1200...

No. 2013b.216 Qty: 137 HCS 180-600 / ...

No. 2013b.176 Qty: 133 HCS 180-600 / ...

No. 2013b.179 Qty: 133 HCS 180-600 / ...

No. 2013b.294 Qty: 137 HCS 180-600 / ...

No. 2013b.209 Qty: 54 HCS 150-600 / ...

13.06.168-1 (136 m²) Bouw NV

13.04.333-3 (129 m²) Horizon Construct - LOVEMAT SA

13.05.352-1 (50 m²) De Zwijsen - PAESEN + 13.03.333-3 (78 m²) Banque Chaabi du Maroc - OTTE

13.12.137-3 (80 m²) Frans Vos - MARTENS CONSTRUCTIES nv + 13.06.08-2 (83 m²) Massi

13.06.168-1 (136 m²) De Zwijsen - VAN DER GUCHT BOUW NV

13.06.168-1 (110 m²) De Zwijsen - VAN DER GUCHT BOUW NV + 13.04.008-2 (25 m²) Massi - WUJOMAN NV

13.01.025-1 (83 m²) De Zwijsen - COU-BETON FLOORING SYSTEMS NV + 13.04.333-3 (84 m²) Ho

13.01.025-1 (11 m²) De Zwijsen - COU-BETON FLOORING SYSTEMS NV + 13.03.333-3 (14 m²) Be

11.12.137-3 (104 m²) Frans Vos - MARTENS CONSTRUCTIES nv

11.12.137-3 (132 m²) Frans Vos - MARTENS CONSTRUCTIES nv

13.04.008-2 (109 m²) Massi - WUJOMAN NV + 13.06.286-2 (10 m²) Backup Boleas 9373 - Bayer - VA

13.04.333-1 (133 m²) Massi - WUJOMAN NV

13.01.025-1 (12 m²) De Zwijsen - COU-BETON FLOORING SYSTEMS NV + 13.03.333-3 (18 m²) De

11.12.137-3 (129 m²) Frans Vos - MARTENS CONSTRUCTIES nv + 11.12.137-3 (129 m²) Frans V.

11.12.137-3 (128 m²) Frans Vos - MARTENS CONSTRUCTIES nv

13.04.333-1 (84 m²) Garage Brussel - BOLCHOMANS N.V.

13.04.008-2 (53 m²) Massi - WUJOMAN NV

13.06.540-1 (1 m²) Van Dorick - Serimen - VAN HERCK B.V.B.A. + 11.12.137-3 (131 m²) Frans Vos -

13.06.540-1 (1 m²) Van Dorick - Serimen - VAN HERCK B.V.B.A. + 11.12.137-3 (131 m²) Frans Vos -

11.12.137-3 (128 m²) Frans Vos - MARTENS CONSTRUCTIES nv

13.06.323-1 (127 m²) Parelhou - VERVOERT HOUTEN BVBA

13.06.323-1 (127 m²) Hobbins - LEQUEUX MATERIAUX BRICO

13.06.323-1 (112 m²) Hobbins - LEQUEUX MATERIAUX BRICO

13.06.217-1 (137 m²) Martens - VAN DER VELDEN NV

13.06.323-1 (2 m²) B&B Messtechnische - KRIJNEN NV + 13.06.334-1 (53 m²) Smets Eddy - VETS EN Z.

Unplanned productions

All productions

Select per project

Productions

Production	Proprieties	Type	Quantity	Occupation	Deadline	Start	Available	Postprocessing duration	Last updated
2014.7	HCS 265-1200 / L1 (1200)	Beds	77.44	54.83%	4/06/2014	4/06/2014			4/06/2014 11:47
2014.19	HCS 150-1200 / L1 (1200)	Beds	138.11	95.91%	12/06/2014	12/06/2014			12/06/2014 14:02
2015.2	F130-600 / NG	Tables	4.14	86.25%	24/06/2014			1.00.00.00	13/03/2015 17:03
2015.5	HCS 150-1200 / L1 (1200)	Beds	28.64	18.15%	16/03/2015	12/03/2015		1.00.00.00	12/03/2015 15:01
2016.1	M104 / Beams	Beds	9.97	12.88%	18/04/2015	19/02/2016			19/02/2016 15:25
2015.11	HCS 150-1200 / L2 (1200)	Beds	15.17	10.22%	18/04/2015	14/09/2015		1.00.00.00	14/09/2015 15:08
2016.2	B150-135 / Beams	Beds	16.63	12.83%	19/02/2016	19/02/2016			19/02/2016 15:28
2013b.301	HCS 150-1200 / L2 (1200)	Beds	0.00	0.00%		8/04/2014	10/04/2014		7/04/2014 13:25

Required resources

Description	Type
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Ready

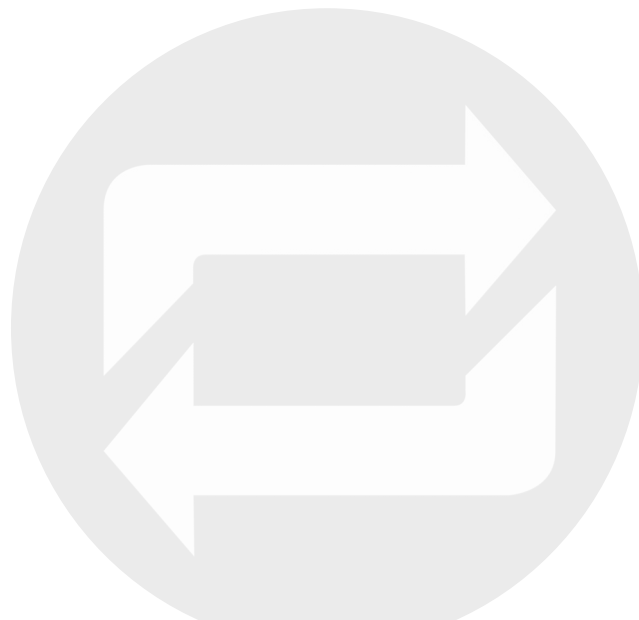
FloorDesk Calendar

Connected

CONNECT

Connecting can and will be done on different levels. FloorOffice can be integrated/ connected to your existing bookkeeping and/or ERP software system as long as this 3rd party software has an open interface available. Since all applications are developed in- house we can easily read and write data in all different formats and we already have done a number of these integrations.

Covering the whole workflow means also connecting to production. Production in a way we exchange CAM data directly with your production machinery. All different formats can be generated like for example, but not limited to, UniTechnik, PXML, IFC, or more general any described binary XML, or ASCII format, etc... On a higher level direct interfaces can be established using DLL interfaces, webservice, ... i-Theses works in close partnership with a number of manufacturers for precast machinery. Our market leading partners are Echo Precast/Progress Group, CCL Spiroll, Nordimpianti, Ultra-Span and Thiso/Concore.

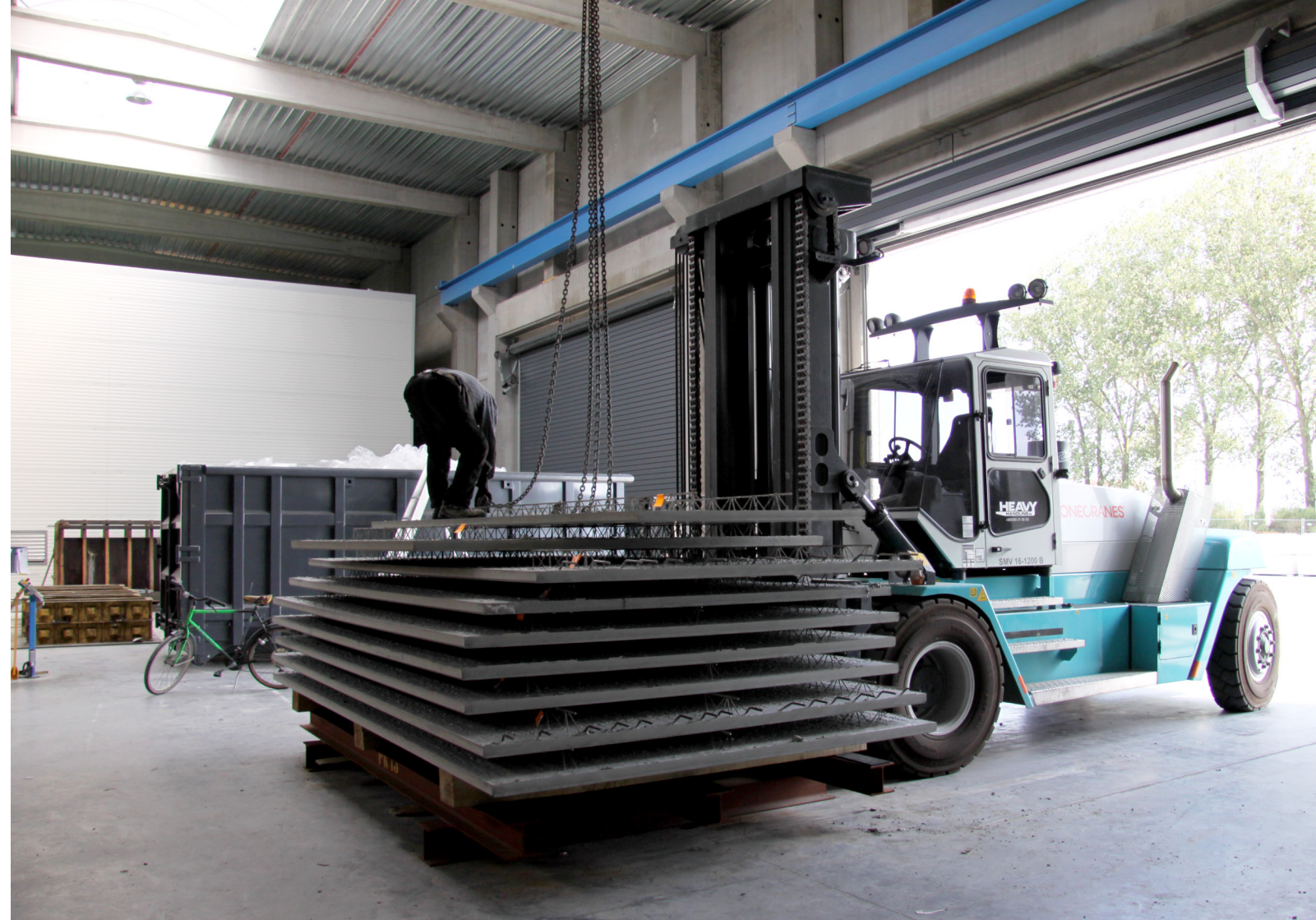


HANDLING

Probably the most time consuming part of the whole production... Organizing the handling is not easy because most often you need to communicate with external parties. This takes time and is difficult to get it fully under control. FloorOffice offer tools that can help in clear communication and share the information towards the parties involved.

"With FloorOffice we were up-and-running in a record time. i-Theses developed the necessary tools which makes us able to link directly with our productions. Errors are history! FloorOffice is very easy to use and very fast to learn"

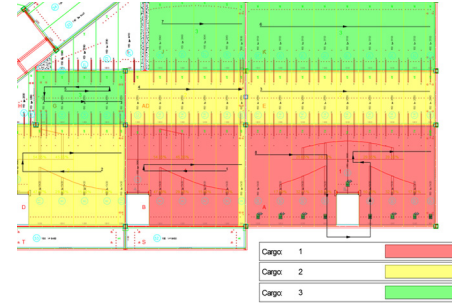
Peter Van der Stock, CEO, Predalco, Belgium



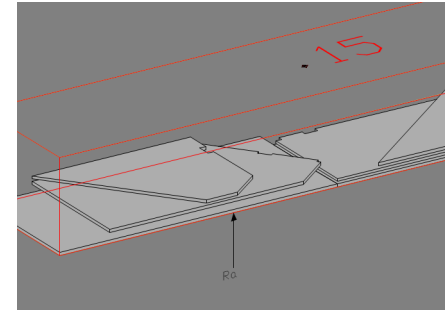


FLOORDESK CARGOPLANNER

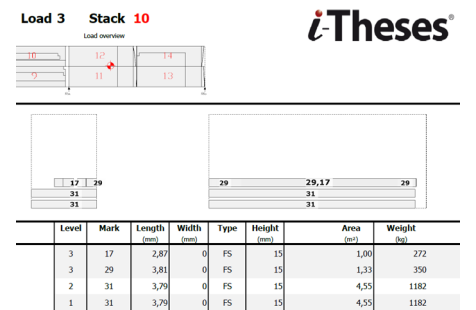
The FloorDesk CargoPlanner will be used in close connection with the AutoFloor application. Depending on how the process is organized within the company you can plan the cargoes/stacks before you go to production or after the production is done. When cargo planning is done before starting production planning, all information about the cargoes and stacks is available in the production planners. It can be very helpful when you have to stack after production is ready. Stacking and loading is as easy as drawing a path in the drawing. The CargoPlanner will do the rest! Taking into account maximum load capacity, load distribution and axle loads, planning the cargoes is child's play and fully graphical... Some issues after automatic stacking? Click on the stack and reposition graphically by drag and drop. Just like drag and drop in Windows Explorer... Stacking done? Generate the reports as you need them to load the trailers. Graphical with numbering and tables for a clear view in all situations. Share information about the cargoes as they will be delivered on the yard by activating the cargo planning view. A view on the drawing with colored infill per cargo and an automatically generated legend, only if you want this of course...



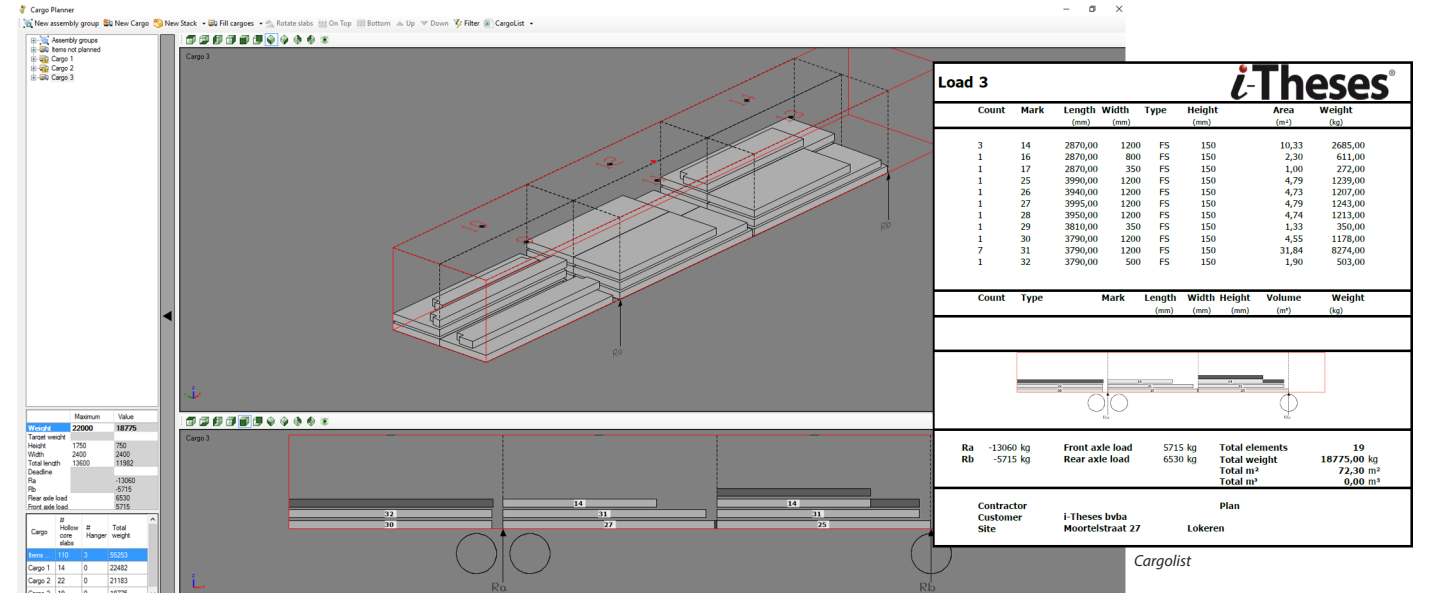
Colored infill per cargo



Filigree slabs stacked on trailer



Stacklist



Hollowcore slabs stacked on trailer



FLOORDESK YARD- & LOGISTICS PLANNER

Recently we launched two new modules specifically developed to make life easier for handling after production. As usual, we developed together with a manufacturer to get it first time right. The YardPlanner and LogisticsPlanner are reading data out of the same databases as used for the Cargo-, Bed-, Table- and CarrouselPlanner. The YardPlanner gives a graphical overview of the stacks and the place where they are stored on the stockyard. Clicking on the project tree gives an immediate overview on where the stacks for that particular project are stored. Easy to find and easy to plan the position for stacks that are coming out of production taking into account future planned deliveries. Our YardPlanner mobile app allows the operator for immediate control and registration of stack or element movement on the yard using LAN or WAN connections to the FloorDesk office server.

In close connection and directly linked with the LogisticsPlanner you can also manage all 'extras'. Need a clamp? Need to deliver extra reinforcement? Exceptional transport? Provide a crane? Some extra wishes from the customer? Plan it, order it and communicate it with your logistics company by SMS and/or email tools! At the same time, keep your customer informed about the scheduled delivery and send automatic messages. Mark stacks as being delivered and get all information in FloorDesk Admin for automatic invoicing. Done! The YardPlanner can be extended with customized automatic tracking of stacks or individual prefab elements making use of localization tags and hardware.



Cargoes													
Project	sig	Production ready	Deadline	Customer	Site address	Transporter	Method	Placement method	Transport date	Transport time	Email sent on	Site contact	Site Tel
14.11.413-3	1	13/03/2015	ASAP	DE RUCKE N.V.	Margrietstraat 9170 Meertrik								
12.12.505-1	2		09/01/2013	CLYMANS B.V.B.	Laanstraat 3 2840 Riet								
55948-0	0		11/01/2013	VAN PELT N.V.	* Wassenaar								
55948-0	1		11/01/2013	VAN PELT N.V.	* Wassenaar								
12.07.001-3	-1		16/01/2013	JANSENSSENS & ZO.	Raaymaeckersveld 3300 Teren	MAURANG	Pickup		20 15/02/2015	00:00		1	+32
12.09.183-1	22	06/02/2013	23/01/2013	VAN HERCK B.V.	Katfledijk 7 Amberg	DE SMET	Pickup		10/02/2015	12:00			
56039-0	0		25/01/2013	ASK ROMERIN NV	7181 Feky								
56039-0	1		25/01/2013	ASK ROMERIN NV	7181 Feky								
56070-0	0		30/01/2013	DE RUCKE N.V.									
12.11.276-1	-1		06/02/2013	VAN HERCK B.V.	Waarfoorveld 29 2550 Waarloze	Picked up by cu...	Pickup		13/01/2015	14:21			

FloorDesk LogisticsPlanner

Plant 1

Unassigned

Placed

Delivered

Selection

Files

Project	Cargo	File	Weight
WFC Planes-12	1	4	4.751

Plates

Label	Type	Length	Width	Height	Weight	Produced
1	FS	5.43	1.200	150	1.694	<input type="checkbox"/>
5	FS	1.12	1.200	150	349	<input type="checkbox"/>
5	FS	1.12	1.200	150	349	<input type="checkbox"/>
5	FS	1.12	1.200	150	349	<input type="checkbox"/>
5	FS	1.12	1.200	150	349	<input type="checkbox"/>
57	FS	5.43	1.200	200	1.766	<input type="checkbox"/>

FloorDesk YardPlanner



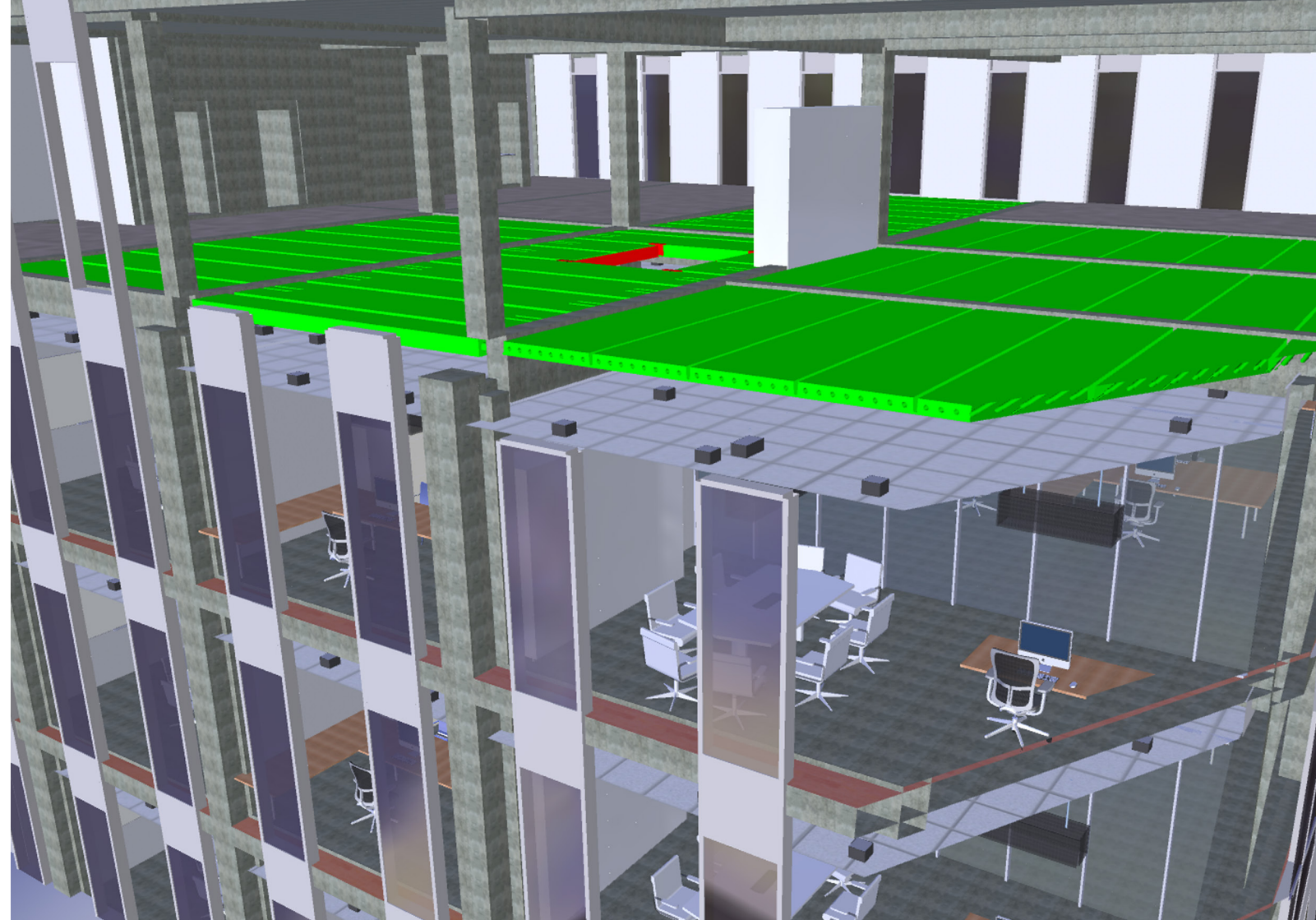
BIM BIM READY

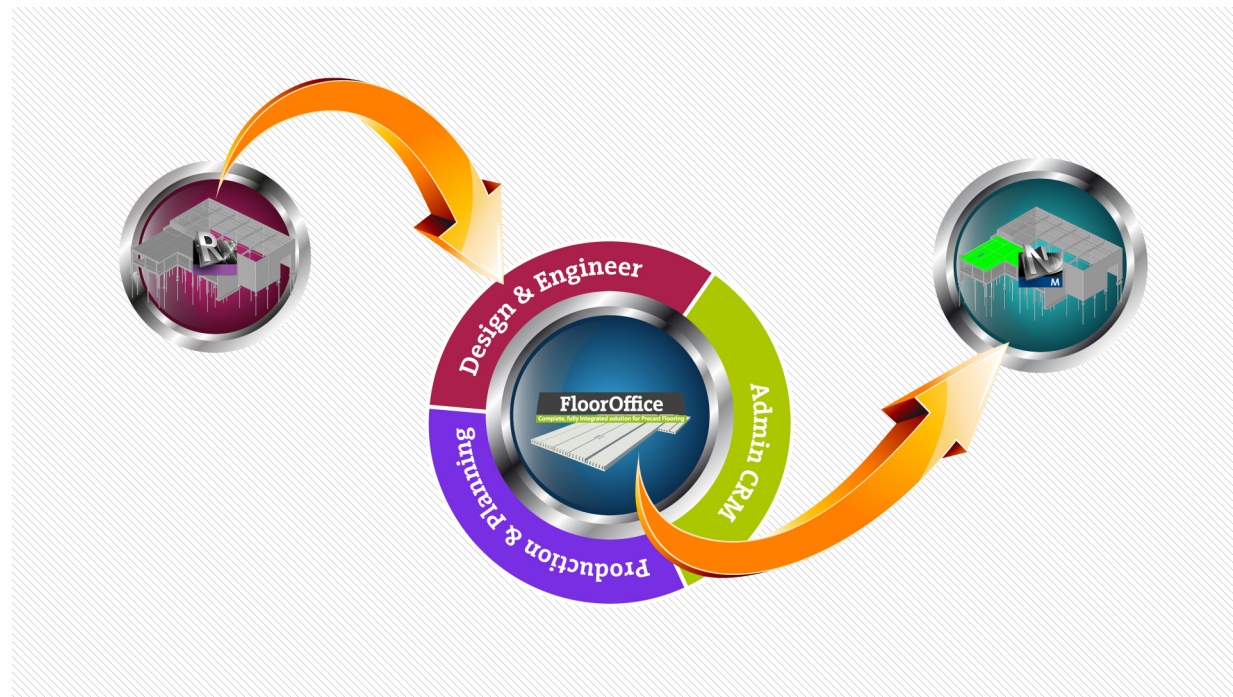
FloorOffice is fully integrated into the BIM process. i-Theses has developed a Revit Extension, which makes it possible to draw a basic layout plan (can be downloaded free of charge by our clients) in Autodesk Revit. AutoFloor drawings are created in 2D, and 3D presentation can be generated for use in a 3D BIM model. Exports in IFC is available and can be imported in Autodesk Navisworks or all other BIM software and converted to COBie format.

*"In the past we designed our layouts with 4 draughtsmen.
Today we often manage with 2 for the production of 500.000m² a year"*

Eric Backeljau, Production Manager, Megaton, Belgium

BIM





ALL TYPES SUPPORTED

All types of prefab floors are supported:
hollowcore slabs, solid slabs, pre-stressed and
traditionally reinforced slabs, filigree slabs as
well as T-beam systems.



nordimpianti





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