



User Guide D&S Portal

Version No.: 1.0

General information

Portal

BASF Forward AM Debinding and Sintering order management portal streamlines the process of turning your Ultrafuse 316L and 17-4PH stainless steel filament parts into full metal. By providing a complete overview of your part's movement throughout the debinding and sintering process, the D&S portal ensures that you always have an up to date and fully transparent understanding of who is handling your parts The integrated calendar allows quick and easy production planning and can be easily integrated into your project's agenda.

Process chain overview

Automatic cost calculation, integrated logistics and preparation planning provide you with full control of resource usage. Online tools and documentation provide process status insights and order progress tracking. Even before logging into the D&S portal, a complete overview of the process chain and procedure are provided In addition to a complete list of all preferred D&S service partners, the integrated calendar provides information on available service times.



Full transparency

With complete documentation of all process details, the BASF Forward AM D&S portal answers the questions you or your organization may have regarding the service, workflow, and status of your orders, all in real time. All service provider address and contact information are provided offering full transparency regarding who comes into contact with your parts.

Notice

For more detailed information on the processing and handling of Ultrafuse metal filaments, please visit <u>www.forward-am.com</u>.

How to use the D&S Portal - Workflow

Calendar Overview

		Sele	ect Region				Select Materia	d					
	Elnik Systems GmbH - GE				RMANY V Ultrafuse® 316L				\sim	·			
			March, 202	2					Α	pril, 2022 >			
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	01	02	03	04		06					01	02	
07	08 Process st	09 Process st	10	11			04	05 Process st	06 Process st	07	08	09	
14	15	16	17	18	19		11	12	13	14	15	16	17
21	22 Process st	23 Process st	24	25	26	27	18	19 Process st	20 Process st	21	22	23	24
28	29	30	31	01	02	03	25	26	27	28	29	30	

The integrated calendar overview provides available D&S service dates per region.

Portal Use - private

To use the D&S portal and all its amenities setup your personal account with register at the portal. After confirming your mail address and the required account information like shipping address you can start the process.

Sig	gn Up ×
Full Name [*]	Email Address *
Full Name	Email Address
Password	Phone Number
Password	Phone Number
Sign up as Priv	vate O Business
Shipping Address	
Address	City
Address	City
Country	State
Select Country 🗸	State
Zip Code	□ I have read and accept the Terms & conditions
Zip code	
Ich bin kein Roboter. reCAPTCHA Daterschutzerklärung - Nutsungsbedingungen	
REGIS	ITER NOW

Portal Use – Business

To use the D&S portal and all its amenities setup your business account with register at the portal. After confirming your mail address and the required account information like shipping address and company information like VAT ID you can start the process.

	Sign Up
Full Name	Email Address
Full Name	Email Address
Password	Company Name
Password	Company Name
Phone Number	Company Industry
Phone Number	Company Industry
Sign up as O F	Private Business
Address	
Address	City
Address	City
Country	State
Select Country	State
Zip Code	
Zip code	
Delivery address	
Address	City
Address	City
Country	State
Select Country	Y State
Zip Code	VATID
Zip code	VAT ID
I have read and accept the Terms & conditions	Ich bin kein Roboter.
	GISTER NOW

Top-up Balance

By buying vouchers from one of our distributors, you can increase your D&S balance (virtual currency) by entering your individual voucher ID.

See ForwardAM Ultrafuse Distributors

U - BASF We create channelly			×
Friedrich Engelhorn	1-1-1	ENTER YOUR VALID VOUCHER CODE	
Email: sales@basf-3dps.com		SUBMIT	
EDIT PROFILE			

Place a D&S order and

Select the Ultrafuse metal filament you want to sinter.



Fill in all the needed information.

My Cart															
Order ID	:												Order Summary		
	- Sala La martina de la compañía de	Ultrafuse® Debinding a	316L Ind Sintering Service	6				Save	and leave		Total Weigh	nt		-	\$
			rts Total Weight								Part Quanti	ity		-	¢
	(FT)										KG Deduct	ed from	n Balance		*
													Select Available D&S date		
													Next		
No	Part Description	0	Quantity	Part Weight (g)	0	Thickest Wall (mm)	0	Part Infill (%)	Ø	Part Si	ze (mm)	3	Comments	3	+
1											ł				
Please ente	r here if you have any additiona	l instructions													
															1.

The order summary will summarize the given facts automatically.

Please read user guideline for metal printing to make sure the part dimensions are right for debinding and sintering specifications. So please send no parts lager than 100mm*100mm*100mm and do not request D&S of parts with walls thicker than 25mm. Parts larger than 100mm*100mm*100mm are excluded from our service offer without further consultation. Parts with a wall thickness larger than 25mm will suffer from insufficient debinding and will fail during the sintering step.

Detailed instructions per part can be placed in comments if needed.

To increase the planning reliability, select the targeted shipping deadline.

E	Inik Systems Gmb	H - GERMANY										
	< April, 2022 >											
CW	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday					
13		29		31	01							
14	04	05	06	07	08		1					
15	11	12	13	14	15	16	1					
16	18	19	20	21	22	23	2					
17	25	26	27	28	29							

Green part arrival

Green part arrival date is the date the printed objects should arrive to the D&S partner. Parts are usually processed and dispatched from D&S partner within one week after green part arrival date

With the summary of the shipping details which provides you a complete overview about the given details you can check them before you "Book order" to confirm the T&C and further details.

Please print the <u>Customer Order Details</u> and add it to your shipment as a delivery bill. All necessary data for the shipment as well as the assignment of your service order for the service provider are on it and enable the clear assignment of your order.

Now you can check you Order History and see the status of your saved, open and closed orders.

	r History												Sort by O	rder No
	bmitted													
No	Order ID	Order Date	Material Name	D&S Partner	D&S Dec	ducted from Balance	Quantit	y of Parts	Total Weight (g)	Order Statu	Package Arrival	Date Order Comp	letion Date	Action
							There is no	record found.						
Submi	tted													
			Materia				Balance Qu		Total Weight (g)		Package Arrival Date			
1	OD000277	Mar 02, 2022, 03	:13 PM Ultrafus	e® 316L Elnik Sy	stems GmbH	1	1		980.00	O Submitted		None	Download	
Comp	leted													
No	Order ID	Order Date	Material Name	D&S Partner	D&S Deducted	I from Balance	Quantity of Parts	Total Wei	ght (g) Order S	status Packaç	e Arrival Date Orc	er Completion Date	Download Orde	er Details
							There is no	record found.						

Within the Order Details the process documentation and the further details are available to provide you an overview about the individual process steps.

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Perge DNIS Caretty Carety Caretty Caretty Caretty Caretty Caretty	JSG® 316L Ing and Sintering Service of Paris Total Weight 980.00 C Quantity 1	0 Sram Part Weight (g) 980	Thickness Wal (nm) 15	Order Details To	Inder Date tal Weight g Deducted from Balance Part Size (mm) (26, 93,44)	Mar 02, 2022, 03:13 PI 980.00 Grav Comments
Put Description Punge DN15 r Status Summary	980.00 C Quantity	Part Weight (g)		Kg Part Infil (%)	Deducted from Balance Part Size (mm)	
Part Description Flange DN15 Status Summary	Quantity	Part Weight (g)		Part Infill (%)	Part Size (mm)	Comments
Flange DN15 r Status Summary						Comments
r Status Summary	1	980	15	100	(98, 98, 44)	
Submitted 🖌 Mar 02, 2022, 03:13 PM	Pao	okage Received 🗸 02, 2022, 03:25 PM	Unboxing	Debinding	Sintering	Shipping
ture Before Debinding Process						
blems Identified During Unboxing						

Beside the general overview and the status of your product to have live process tracking, you can have a look into the documentation of the individual process steps, to check the process details of your parts.

Your Customer Console provides you with all needed information due to the whole process.



Beside the option to top-up you balance or to balance your order, you can have a look in you order history, you voucher history, which provides you all information about what voucher was used when for which order, the shipping recommendations and the D&S process report.

BASF 3D Printing Solutions BV