



VPSS 4ie BLANK

V3.03.04
Release Note

25 OCT 2025
AMADA CO., LTD.



- Basic Operation Environment
- Released Function List
- Precautions and Limitations on use

Basic Operation Environment



■ Recommended Hardware

Processor (CPU)	Intel Core i5 or higher
Memory	More than 8GB
Hard Disk	More than 30GB

■ Basic Software

OS	Version	32 bit	64 bit
	Windows 10 Pro/Enterprise	N/A	OK
	Windows 11 Pro/Enterprise	N/A	OK
.NET Framework	3.5, 4.6.2		

■ Operation Mode

Server Supported	vSDD, SDDJ
Supported Language	English, Japanese, German, French, Italian, Spanish, Portuguese, Polish, Russian, Hungarian, Chinese (Simplified), Chinese (Traditional), Korean, Thai, Vietnamese, Indonesian
System Unit	Metric, inch
Decimal, Comma Environment	Supported
AP100 System [SDD Support]	Possible; AP100 Client, Server, PCL Client – V6.00.00 or later

There are no improvements that affect the screen operation or output in this version.

Precautions and Limitations on use (1/4)

PD : Production Designer

PX : Parameter Explorer

DX : Data Explorer



#	Category	Content	Planned date
1	ABE Planner	During backup-restore, use the total backup tool, if backup is taken individually from PD, DX, PX,MX,ABE Planner, while restoring, depending on the restore order, Laser material name may not be displayed in ABE Planner. While restoring individual backups, please restore the parameters in the order of ABE Planner→ PX Parameter.	Not support
2	Part Edit	There are two kinds of hole types that can carry out Hole Division assignment: irregular hole and laser notch. Standard holes are not supported.	Limitation is updated in help: Supported. Std holes is undecided.
3	Sheet Edit	When Film cut (manual/automatic) is done , it can be set whether to carry out for etching or not. But Film cut is always carried out in cases like center punch marking like Cross, Circle or Point.	Undecided
4	ABE Planner	In case of Part in Part types, even when "Separate Parts" option is set in CAD Import options, Parts wont be separated.	Not support
5	Part Edit	After Hole is assigned with Punch and End value is set as M00/Chute, if End value assignment is deleted, Reassigned, since the sequence is fixed inside the hole for like Roller tool, Processing sequence may be reversed, So after auto process, if we need to edit the tool path, please release the fix process manually.	Undecided
6	Over All	In case of Roller tool, C-Axis Sorting is not carried out. Since Roller tool process direction and order is very important, during continuous line assignment, Fix the process sequence.	Not support

Precautions and Limitations on use (2/4)

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#	Category	Content	Planned date
7	Auto Process	In the case of a slit entering from the corner of the Notch, it is created at an Lead-in angle of 45 degrees, but in the case of a slit entering from near a corner, it is created with an Lead-in angle of 180 degrees (straight line). Since piercing errors may appear, please check the screen and change the position of the pierce manually.	Undecided
8	Sheet Edit	In Case of Multi line Remnant with Punch, based on the selection of tools, and set values, there are possibilities to make 0 lap assignments. In such case, change the tool or change the remnant position to avoid 0 laps.	Undecided
9	Auto Process	In case of Laser, If Clamp side needs to be processed at last, Based on Lead-in Position or process direction, clamp side may not be at last. In order to process clamp side at last, please change the lead-in position or rotation direction.	Undecided
10	Auto Process	When assignment data contains a Tool which is used AI station with help of Adapter, during assignment data nesting, before nesting, Please set the tool with adapter in AI station. Other wise the tool will be removed and have to manually assign again.	Undecided
11	Auto Process	When Clearance CAM condition is not set, Tool with small clearance is used. Even though tool with Big clearance (CL=0.7) is set in tool layout, Tool with small clearance (CL=0.3) is used.	Undecided
12	Auto Process	When Flying pierce is used and Lead-in length is set as 0, then Flying pierce may interfere the main part. So in case of Flying pierce case, Set the lead-in length as Non-Zero.	Undecided

Precautions and Limitations on use (3/4)

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#	Category	Content	Planned date
13	Auto Process	In case of BP3 data of Combination machine, When outer is processed with laser and it contains downward forming tool with processing order Gr3, the sequence is Laser Outer → Forming. In this case, when ordering the product processing order, the downward forming becomes the final processing, so the outer may not be in the processing order specified. Correct the machining order of the tool path by Edit Sequence command.	Not support
14	Auto Process	When roller tool is placed in forming groups(Gr9 or Gr10), if forming collision occurs with normal processes, then roller tool sequence is always after reposition irrespective of the settings.	Not support
15	Auto Process	In case of multiple outer loop data, parts can not be rotated by auto nesting as well as, user can not rotate the part manually.	Not support
16	Sheet Edit	When sheet data with scrap cut which is created by Dr.ABE_Blank is opened in Sheet Editor, editing scrap cut by scrap cut command is not possible now.	Not support
17	Sheet Edit	During Align command operation, Parts are aligned with respect to the parts spacing, but It will not consider the collision with other parts and material border areas. After alignment, if there is collision, collision display will be done.	Not support
18	Sheet Edit	Undo/Redo is executable sheet by sheet. Undo/Redo operation across the sheets can not be performed. If the clearance of the assignment data is modified in confirmation edit or tool layout, it can not be returned with Undo/Redo.	Not support

Precautions and Limitations on use (4/4)

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#	Category	Content	Planned date
19	Overall	If there is a label attached to the label printer in the area checked by the bending sensor (BIS / BIL) in the bending process, it may affect the bending angle and not reach the intended bending angle. Move the position of the bending sensor away from the label.	Not support
20	Overall	Labels should be placed around bend lines, but since they do not refer to the width of the bending tool, if the labels and bending tool interfere, the labels may be bent and barcodes or QR codes may not be read. Do not put labels near bend lines.	Not support