

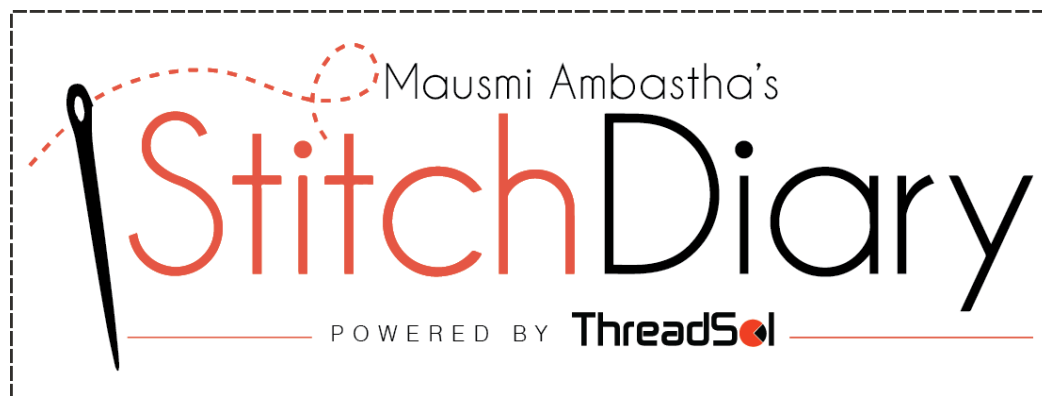
ThreadSol

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解决方案

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CAD software does not
save fabric

CAD軟件不能節省面料

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CAD solutions have become a norm. It is a necessity for every factory. Be it to digitize patterns or to have your markers ready in one click!

But is your solution provider taking advantage of this dependency?
Do you really need to shell out thousands of dollars for CAD 9.1 when you're running on CAD 9.0? But they said it'll give you 1% more fabric saving than you get now! They said it'll help you save money.

Fabric saving is a physical thing. Fabric saving with CAD, a myth.

Let's illustrate this with a simple example.

For instance you have an order of 400 pieces.

S-100, M-200, L-100. This order needs to be processed with the following rolls:

CAD解决方案已成为常态。这是每个工厂的必需品。无论是数字化图案还是让您的标记可以点击一下就可以用！

您解决方案的供应商是否利用你这种依赖性？

当您运行CAD 9.0时，您是否真的需要为CAD 9.1提供数千美元？但他们表示，这将给您比现在节省多1%的面料！他们说这会帮你省钱。

面料节省是一种物理的东西。保存面料与CAD，神话。

我们用一个简单的例子来说明一下。

例如，你有一个400件的订单。

S-100, M-200, L-100。此订单需要使用以下的卷来进行处理：

Roll No.	Length
R1	83
R2	114
R3	81
R4	39
R5	83
R6	13

For this you make a single marker – 1S-2M-1L. With my CAD 9.0 I get a marker of length 3.98 m.

为此，您可以制作一个单一的唛架 - 1S-2M-1L。使用我的CAD 9.0，我得到一个长度3.98米的标记。

So we have

所以我们有，

S	M	L	Plies	Marker Length	Lay Length
1	2	1	100	3.98 m	4 m

Let us assume the lay length (marker length + endloss) is 4m.

How will you use your rolls for this marker?

Pick up roll R1, spread maximum number of plies possible i.e. 20 and record the length of endbit left. Similarly, all rolls are spread to complete the lay and we obtain:

假设长度（标记长度+头尾损耗）为4m。

您将会挑哪布卷用於嘜架b？

拿卷R1，铺上最大的层数，即20层，并记录头尾的长度。

同样地，所有剩下布卷都排上，我们获得：

CAD 9.0			
Roll No.	Original Length	Plies	End Bit
R1	83	20	3
R2	114	28	2
R3	81	20	1
R4	39	9	3
R5	83	20	3
R6	13	3	1
Wastage			13 m

Now, let's see what happens if I upgrade to CAD 9.1 that claims to save me 1% fabric. Keeping the marker construction same, my new marker length = 3.94 m and the lay length = 3.96 m.

Using my rolls as I had done in the earlier case, I obtain:

现在，看看如果我升级到CAD 9.1，它声称可以节省1%的面料，会发生什么。保持唛架结构相同，我的新唛架长度= 3.94米，裁床的长度= 3.96米。

使用我的卷，就像我在早先的情况下所做的那样，我得到：

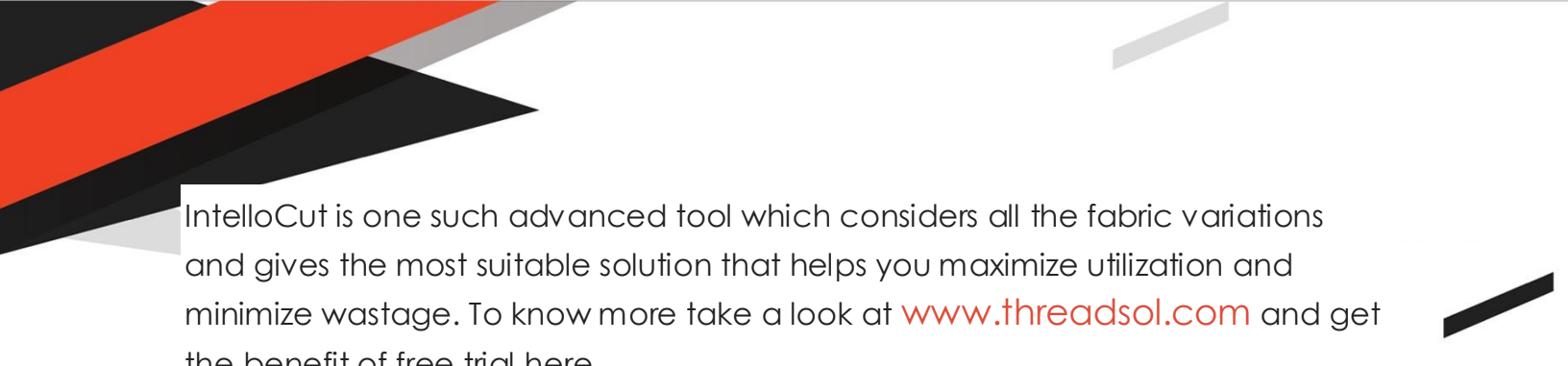
CAD 9.1			
Roll No.	Original Length	Plies	End Bit
R1	83	20	3.8
R2	114	28	3.12
R3	81	20	1.8
R4	39	9	3.36
R5	83	20	3.8
R6	13	3	1.12
Wastage			17 m

Have I saved any fabric? No. Furthermore my wastage has increased by 30%.

This basic example is enough to validate that CAD solutions do not guarantee fabric saving. They are excellent for marker making complexities, however they play little role in the reduction of wastage in the factory.

我节省了任何面料吗？不，此外，我的废料已经增加了30%。这个基本的例子足以验证CAD解决方案不能保证结构上的节省。它们有非常出色的唛架制作复杂性，但在减少工厂的废料方面上几乎没有任何作用

The need of the hour is to have a solution that takes into account fabric rolls and the variations on floor to maximize utilization and minimize wastage.



IntelloCut is one such advanced tool which considers all the fabric variations and gives the most suitable solution that helps you maximize utilization and minimize wastage. To know more take a look at www.threadsol.com and get the benefit of free trial here.

有时候我们需要短短一小时来找出一个解决方案，考虑到面料和工厂车间上的变化，以最大限度地利用和最大限度地减少浪费。

IntelloCut是一种高级工具，可以考虑所有的面料的变化，并提供最合适解决方案，帮助您最大限度地利用和减少浪费。要了解更多信息，请查看www.threadsol.com并在此获得免费试用的好处。