

MODERN STYLE TO TWEAK JEANS CLOTHES

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This project presents the modern methods for finishing the jeans. Are presented the principal characteristics of some materials and some experimental results.

Fashion emancipated about sportswear

Today in fashion development about sportswear record by year to year a new concept in create mode by splice plays of different colours.

Follow 6-7 years ago demand a lot of special treatment in starch and wash like permanent-press distinctive uniformity at paint, in last time was simplify old methods.

It appear a new clothes with all new, lightly easy wear and keep. It can be wear in all seasons, and all place, because is fashionable, practice lightly easy.

So in last years was discover a lot effect for tweak to jeans clothes, like:

- difference create and paint effect
- nerveless and wear imitate effect
- mill-wash effect

Fashion evolute impose a lot of change in paint article processing, before create (wash, repaint) and after create by a spontaneous technology as impose a new technology.

By investigation found a original technology patent who admit malfunction jeans painted mesh processing and transform in a quality jeans.

The method consist in next steps:

After the stuff is load below is make a indigo draw by a alkaline fleet discount after devolve in second fleet when is lean dye and cleaning.

Later the stuff devolve in first fleet when is dye with first colouring.

Another method to dye is to make a malfunction wear.

The new technology expanded in last time for ground effect can make a stuff with wear aspect, uniform or non uniform, washed, but very fashionable and practice lightly easy.

The special effect can creat if the pieces are first wet and then strong press begore introducing in clothes machine. The effect is more interesting if the stuff is wet in caustic acid, approximately 350 g/l, after abrasive treated.

The italian pattennt with number 7637863 can make a distinctive and quality coat.

For satisfy the actual fashion in jeans world help more a special machine with continue flux. The threadbare effect can make with grit jet pneumatic.

A denim knickers is fixed by a special machine iiii vertical position and the is send a strong current.

At the end in last compartment the knickers are dried with sending a hot water jet and then the other steps is make manual.

The newest tehcnology can make finishing colouring with a mechanic-chemical.

Is used very successful a romanian pigment by Microdis serial.

For creating a successful product must understand in generally a fashion aspect and give a originality that kind of product.

The product go in textil finishing with a high residual thinning 4-5% for thin product and 8-10% for bulk product and that think must remember when cut a stuff for a final greatness.

By kind a a jeans product finished in original mode the dye of stuff is implicate a economical steps with little consumption and big weight.

By quality standard in this process is not possible to make paint error, because the machine is very thumbnail sketch.

This is the table where can see the property of denim and hemp materials.

Experiment effect

Art.	Comp. Fb.	Latime (cm)	Desime fire/10cm U	B fire/10 cm	Masa g/m	G/m ² m M	Sarcina la rupere daN/U	B daN	Contractia %U	B %
Ovidiu	100% canepa	142	229	150	580,7	409	151,4	93,2	-2	3 44,6 19,2
Florin 2	100% canepa	139,2	231	180	678,4	487,4	168,7	147,4	-2	3 77,8 88,8
Silvana R	100% canepa	142	229	150	580	409	152	93	-	-
Teodora	100% canepa	150	156	134	-	238	90	110	-	-
Cipriana	100% canepa	160	-	-	-	253	-	-	-	-
Andi	100% canepa	160	200	140	-	295	65	45	-	-
Silvana 2	100% canepa	144	176	137	487	338	132	111	-	-
Silva	100% canepa	150	246	86	-	372	-	-	-	-
Silvana	100% canepa	150	170	130	-	320	95	58	-	-
X1	100% canepa	142	103	127	673	474	126	110	-	-
Verona	100% canepa	150	242	130	-	309	-	-	-	-
Polar	100% canepa	154	-	-	-	400	100	95	-	-
Silva aero	100% canepa	140	235	147	550	393	168	114	-	-
Blug G	100% bbc	152	300	170	675	443	163	86	-	-
Blugusor subtire	100% bbc	146	258	170	593	406	145	98	-	-
Blug 12	100% bbc	64	192	160	-	239	-	-	5,65	9
Denim y	100% bbc	102	200	202	-	410	-	-	13	7
Blug 27	100% bbc	102	208	202	-	492	-	-	15	9
Blug negru	100% bbc	98	200	171	-	382	-	-	12	6

Slide effect

Articol	Glisare	
	cm	daN
Florin 1	9	35,2
	7	27,75
Silvana albastru	9	12,75
	7	12,2
Silvana II	9	15,25
	7	11,75
Florin 2	9	49,8
	7	47,7
Cipriana	9	25,15
	7	20,15
Teodora	9	11,75
	7	10,2
Florin	9	39
	7	34,75
2 Verona	9	41,42
	7	31,75
3 Silva	9	12
	7	10,25
4 Sava	9	13,5
	7	11,75
X5	9	18
	7	10,25
Polar	9	20
	7	16,75
Negru Silvana	9	15,25
	7	11,75
Andi	9	18,5
	7	18

Apply effect
Hardy chafe

Default effect

Nr	Articol	M1 (g)	G1 (mm)	M2 (g)	G2 (mm)	M3 (g)	G3 (mm)	P0 (l/hcm ²)	M0 (g)	G0 (mm)
1	Silvana U	7,7193	0,62	7,7452	0,61	7,7514	0,60	30	7,7900	0,64
2	Silvana B	7,5399	6,64	7,5231	0,61	7,5322	0,60	30	7,5399	0,64
3	Teodora B	7,0891	0,44	7,0734	0,41	7,0984	0,39	36,66	7,0891	0,44
4	Teodora B	6,6944	0,41	6,6925	0,4	6,6944	0,39	36,66	6,7313	0,44
5	Verona U	7,4019	0,55	7,2307	0,55	7,4407	0,54	35,75	10,414	0,55
6	Verona B	7,2168	0,55	7,43313	0,55	7,2375	0,54	7,91	7,2099	0,55
7	Silvana II U	7,6232	0,59	7,6528	0,58	7,6506	0,57	20,8	7,7673	0,64
8	X1 U	6,0710	0,62	6,0843	0,6	6,0910	0,58	32,5	6,1056	0,65
9	X1B	6,2560	0,62	6,2751	0,6	6,2781	0,58	32,5	6,3594	0,65
10	Polar U	10,5038	0,92	10,4993	0,91	10,5004	0,9	17,5	10,5191	0,94

11	Polar B	10,4415	0,92	10,4259	0,91	10,4372	0,9	17,5	10,5191	0,94
12	Cipriana U	5,4830	0,51	5,5025	0,49	5,5074	0,48	36,66	5,4981	0,55
13	Cipriana B	5,6401	0,51	5,5025	0,49	5,5074	0,47	36,66	5,7124	0,55
14	Silvia U	9,6310	0,8	9,6684	0,79	9,6799	0,76	10,8	9,6808	0,81
15	Silvia B	9,8629	0,8	9,8999	0,79	9,9107	0,76	10,8	9,8994	0,81
16	Andi U	6,5634	0,63	6,5818	0,6	6,5705	0,58	27,5	6,6072	0,65
17	Andi B	6,8285	0,63	6,8494	0,6	6,8540	0,58	27,5	6,8637	0,65
18	Silva aero U	8,9013	0,72	7,6900	0,7	7,7018	0,68	15,83	7,9682	0,78
19	Silva aero B	7,6617	0,72	8,7312	0,7	8,9397	0,68	15,83	7,7476	0,78
20	Denim U	12,0544	0,97	11,5255	0,97	10,4903	0,97	10,509	0,96	
21	Denim B	10,4793	0,97	10,4549	0,97	10,4413	0,97	10,457	0,96	
22	Blug12 U	9,1692	0,76	9,1503	0,74	9,1790	0,72	9,1866	0,69	
23	Blug 12 B	9,1052	0,76	9,0909	0,74	9,1179	0,72	9,1290	0,69	
24	Blugus or U	5,3134	0,49	5,3137	0,48	5,3292	0,46	5,3385	0,44	
25	Blumsor B	5,3730	0,49	5,3753	0,48	5,3928	0,46	5,3994	0,44	
26	Blug 27	10,5115	0,96							
27	Blug GU	10,2017	0,85	10,1810	0,84	10,2157	0,82	10,235	0,81	
28	Blus G B	10,2580	0,85	10,2568	0,84	10,2901	0,82	10,307	0,81	

Introduction experiment effect

Exist two kind of stuff cotton 100% and hemp 100% all have same destination in product, I think all must correspond same user demand.

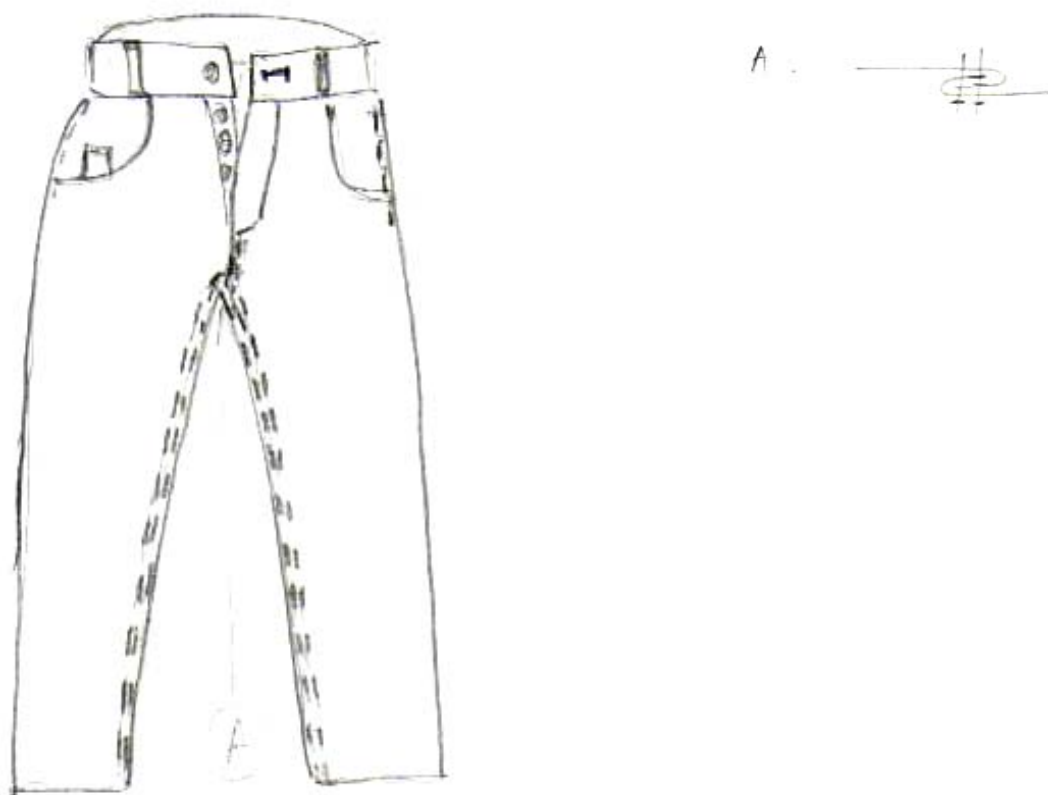
- Variable bulk - for cotton 5,3134-10,5112 (g)
- for hemp 5,4981-10,6813 (g)
- depth - for cotton 2,04-17,5 (l/h cm)
- for hemp 11.66-36.66 (l/h cm)

Firma	Produs:pantalon tip jeans	Model:complexitate medie
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Technological coin

Steops: Close the interior seam

technology :Machine with two pins for seam	Norm of time=2,446
n=3600 rot/min	Lines: Nm=80/3
MODEL BROTHER 6926	Number steps/10mm=3
	Length seams: (82.5*2)cm
	Pins: 110
	Material:100%bbc



Conclusion

Study present a interactive co-operation modality between lines, create and tweaks purpose to create a competitive stuff.

The effect date for each link of purveyor can operate right alkali for ensure product quality. The users is that as impose the product market to satisfy the customer. The textil stuff doesn't has a restrictive destination in product.

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