HYEF-1

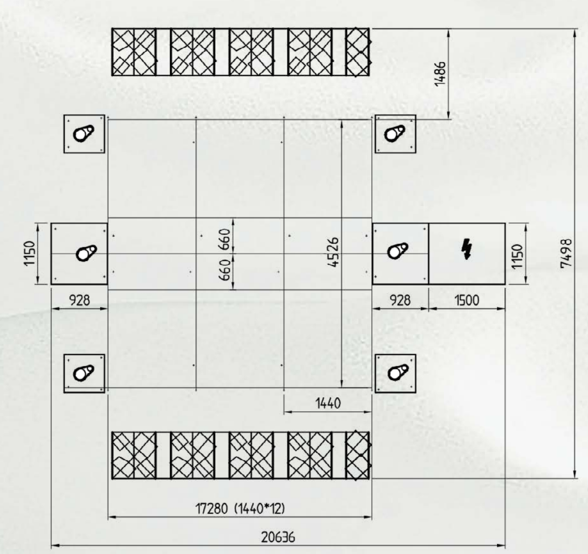
经济型中速加弹机
Economical Medium Speed Draw Texturing Machine

【设备用途Equipment use】

该机主要是将POY原丝(聚酯预取向丝)，通过拉伸和假捻变形加工成具有低弹性能的假捻变形丝(DTY涤纶弹力丝)，若在设备上选择增加网络部件还可以进行网络丝的加工

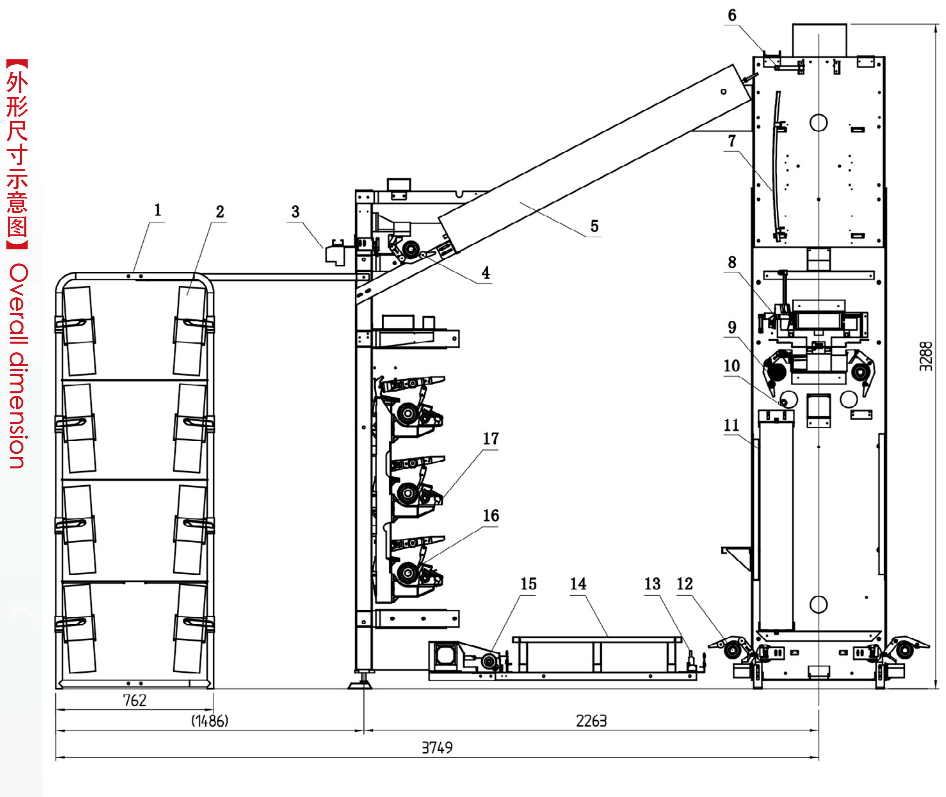
This machine mainly uses the POY yarn(Pre-Oriented Yarn) through stretching and false twisting deforma-tion,processed into low elastic or high elastic false twisting texturing yarn(DTY),the machine can produce intermingle yarn if equipped with a optional interaced nozzle.

【安装地脚图】Foundation bolt drawing



节数	12	13	14	15
总长	20636	22076	23516	24956

【外形尺寸示意图】Overall dimension



[1] 原丝架 Raw yarn shelf
[2] 原丝饼 Raw yarn
[3] 切丝器 Cutting device
[4] W1罗拉 W1 roller
[5] 上热箱 Up heater
[6] 导丝器 Guide porcelain
[7] 冷却板 Cooling board
[8] 假捻器 False twister
[9] W2罗拉 W2 roller
[10] 中网 Middle interlaced
[11] 下热箱 Down heater
[12] W3罗拉 W3 rolla
[13] 探丝器 Detecting yarn device
[14] 踏板 Footrest
[15] 上油轮 Oiling wheel
[16] 磨擦辊 Pinchcoll
[17] 槽筒箱 Groove drum

【主要技术参数】The Main Technical Parameters

锭数 Spindle		288锭Spindles	312锭Spindles	336锭Spindles	360锭Spindles
节数Section		12	13	14	15
锭距Spindle pitch		110mm			
最高机械速度Highest Mechanical Speed		700m/min			
加工纤度范围Denier of fiber		55-330dtex			
节距Section Size		1440mm			
假捻方式False twist way		叠盘式摩擦假捻器 Laminated friction disc			
假捻方向False twist direction		S,Z可调/S,Z adjustable			
第一热箱 (变形The first heat box (distortion)		联苯气相加热/1700mm biphenyl gas phase heating/1700mm			
第二热箱 (定型The second heat box (figuration)		联苯气相加热/1000mm biphenyl gas phase heating/1000mm			
冷却方式及长度Cooling mode and length		冷却板自然冷却/860mm cooling rail to cool naturally/860mm			
摩擦辊直径Friction drum diameter		Φ100mm			
罗拉直径Roller diameter		Φ80mm			
上油罗拉直径Oiling roller diameter		Φ75mm			
原丝最大尺寸Largest original yarn size		Φ435x250mm			
最大卷装尺寸Maximum take-up size		Φ250x250mm			
装机功率分类 Total power (kw)	传动 Drive	78.5	78.5	78.5	106
	上热箱 Up heat box	57.6	62.4	67.2	72
	下热箱 Below heat box	38.4	41.6	44.8	48
	辅助功率 Assist power	≈3	≈3	≈3	≈3
	总功率 Total powe	177.5	185.5	193.5	229

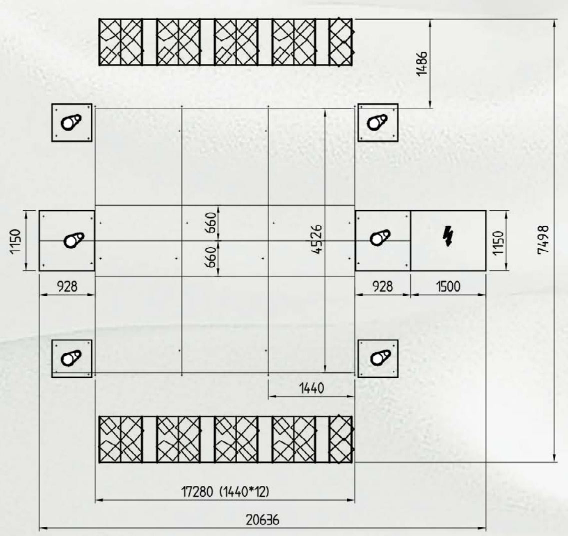
HYEF-2

经济型中速加弹机
Economical Medium Speed Draw Texturing Machine

【设备用途Equipment use】

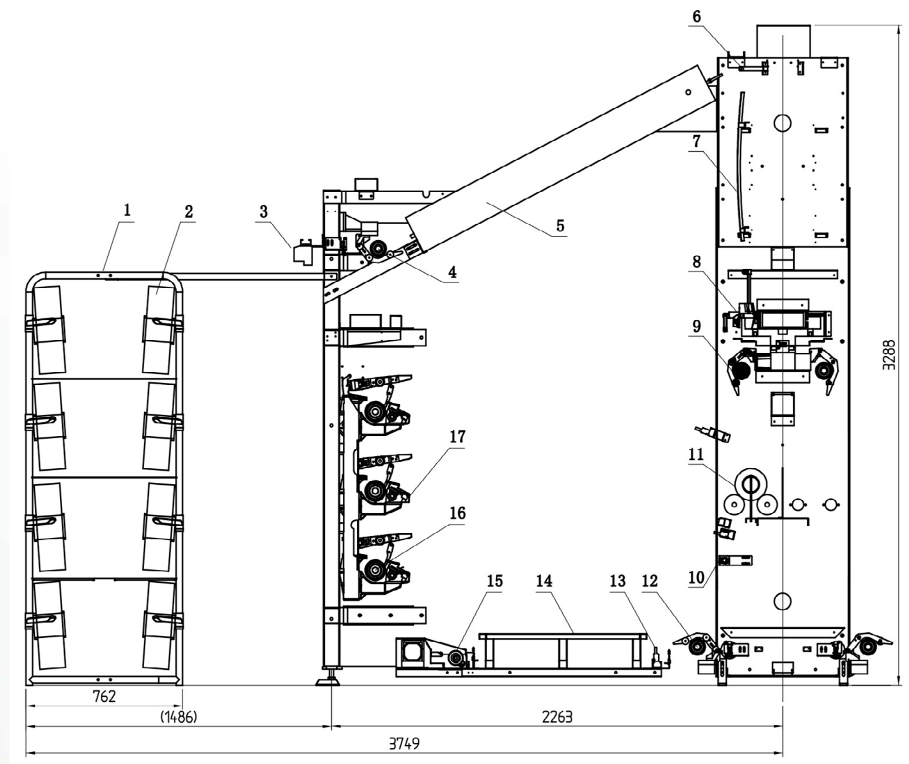
该机主要是将POY原丝(聚酯预取向丝)，通过拉伸和假捻变形加工成具有低弹性能的假捻变形丝(DTY涤纶弹力丝)，同时在机器上直接将氨纶丝与DTY丝复合，通过网络喷嘴，实现加弹与氨纶网络一步加工。
This machine mainly uses tprocesses POY raw yarn(polyester Yarn) into DTY polyeater stretch yarn with low elas-ticity through stretching and false twist deformation.At the same time, polyurethane fiber and DTY yarn are directly combined on the machine. Through the air covering nozzle,one-step processing of spandex-polyeater air covering is realized.

【安装地脚图】Foundation bolt drawing



节数	12	13	14	15
总长	20636	22076	23516	24956

【外形尺寸示意图】Overall dimension



[1] 原丝架 Raw yarn shelf
[2] 原丝饼 Raw yarn
[3] 切丝器 Cutting device
[4] W1罗拉 W1 roller
[5] 上热箱 Up heater
[6] 导丝器 Guide porcelain
[7] 冷却板 Cooling board
[8] 假捻器 False twister
[9] W2罗拉 W2 roller
[10] 中网 Middle interlaced
[11] 氨纶喂入 Spandex feeding device
[12] W3罗拉 W3 rolla
[13] 探丝器 Detecting yarn device
[14] 踏板 Footrest
[15] 上油轮 Oiling wheel
[16] 磨擦辊 Pinchcoll
[17] 槽筒箱 Groove drum

【主要技术参数】The Main Technical Parameters

锭数 Spindle		288锭Spindles	312锭Spindles	336锭Spindles	360锭Spindles
节数Section		12	13	14	15
锭距Spindle pitch		110mm			
最高机械速度Highest Mechanical Speed		610m/min			
加工纤度范围Denier of fiber		55-330dtex			
节距Section Size		1440mm			
假捻方式False twist way		叠盘式摩擦假捻器 Laminated friction disc			
假捻方向False twist direction		S,Z可调/S,Z adjustable			
第一热箱 (变形The first heat box (distortion)		联苯气相加热/1700mm biphenyl gas phase heating/1700mm			
冷却方式及长度Cooling mode and length		冷却板自然冷却/860mm cooling rail to cool naturally/860mm			
摩擦辊直径Friction drum diameter		Φ100mm			
罗拉直径Roller diameter		Φ80mm			
上油罗拉直径Oiling roller diameter		Φ75mm			
原丝最大尺寸Largest original yarn size		Φ435x250mm			
最大卷装尺寸Maximum take-up size		Φ250x250mm			
装机功率分类 Total power (kw)	传动 Drive	82.9	82.9	82.9	110.4
	上热箱 Up heat box	57.6	62.4	67.2	72
	下热箱 Below heat box				
	辅助功率 Assist power	≈3	≈3	≈3	≈3
	总功率 Total powe	143.5	148.3	153.1	185.4

HYEF-3

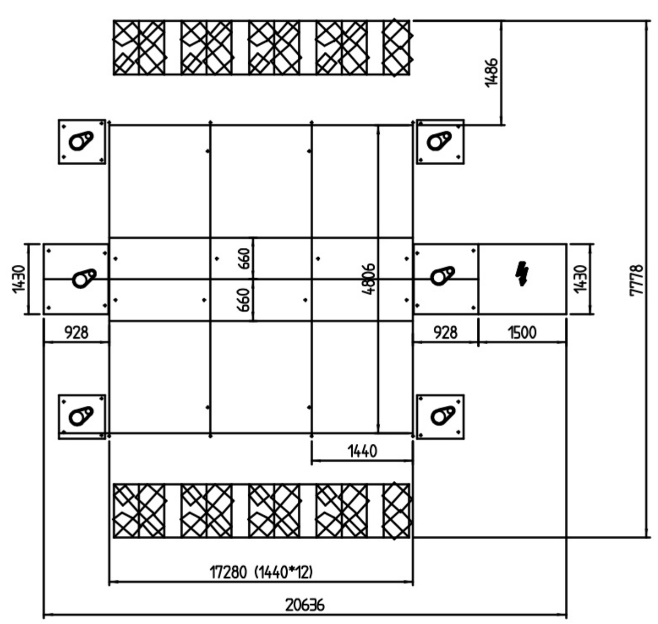
经济型中速加弹机
Economical Medium Speed Draw Texturing Machine

【设备用途Equipment use】

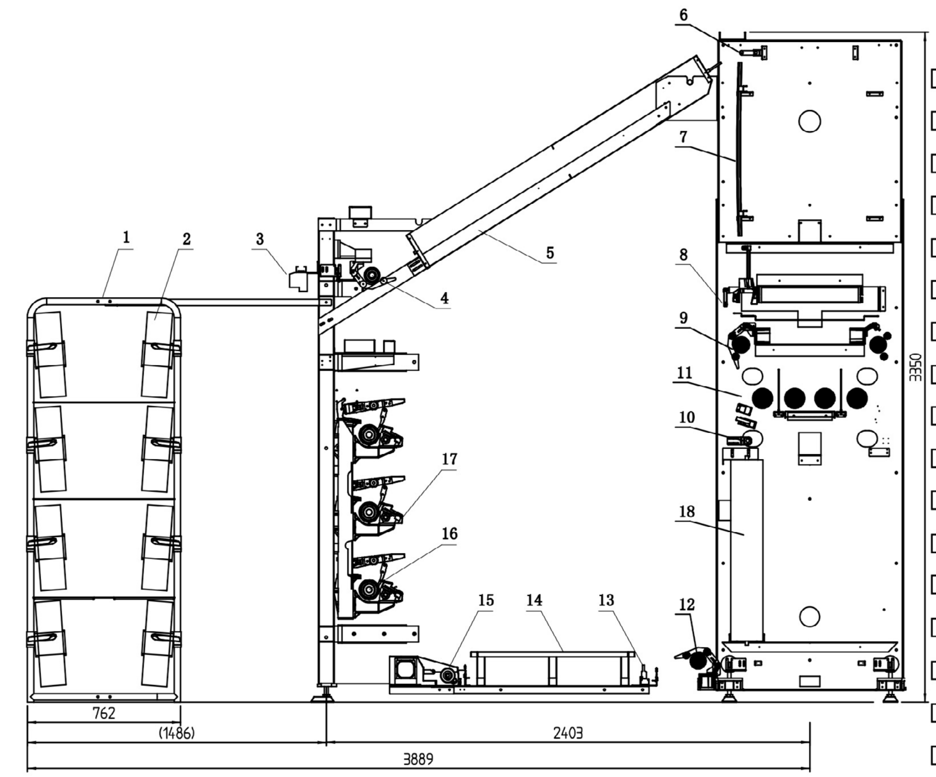
该机主要是将POY原丝(聚酯预取向丝)，通过拉伸和假捻变形加工成具有低弹性能的假捻变形丝(DTY涤纶弹力丝)，同时在机器上直接将氨纶丝与DTY丝复合，通过网络喷嘴，实现加弹与氨纶网络一步加工。

This machine mainly uses tprocesses POY raw yarn(polyester Yarn) into DTY polyeater stretch yarn with low elas-ticity through stretching and false twist deformation.At the same time, polyurethane fiber and DTY yarn are directly combined on the machine. Through the air covering nozzle,one-step processing of spandex-polyeater air covering is realized.

【安装地脚图】 Foundation bolt drawing



【外形尺寸示意图】 Overall dimension



[1] 原丝架 Raw yarn shelf
[2] 原丝饼 Raw yarn
[3] 切丝器 Cutting device
[4] W1罗拉 W1 roller
[5] 上热箱 Up heater
[6] 导丝器 Guide porcelain
[7] 冷却板 Cooling board
[8] 假捻器 False twister
[9] W2罗拉 W2 roller
[10] 中网 Middle interlaced
[11] 氨纶喂入 Spandex feeding device
[12] W3罗拉 W3 rolla
[13] 探丝器 Detecting yarn device
[14] 踏板 Footrest
[15] 上油轮 Oiling wheel
[16] 磨擦辊 Pinchcoll
[17] 槽筒箱 Groove drum
[18] 下热箱 Down heater

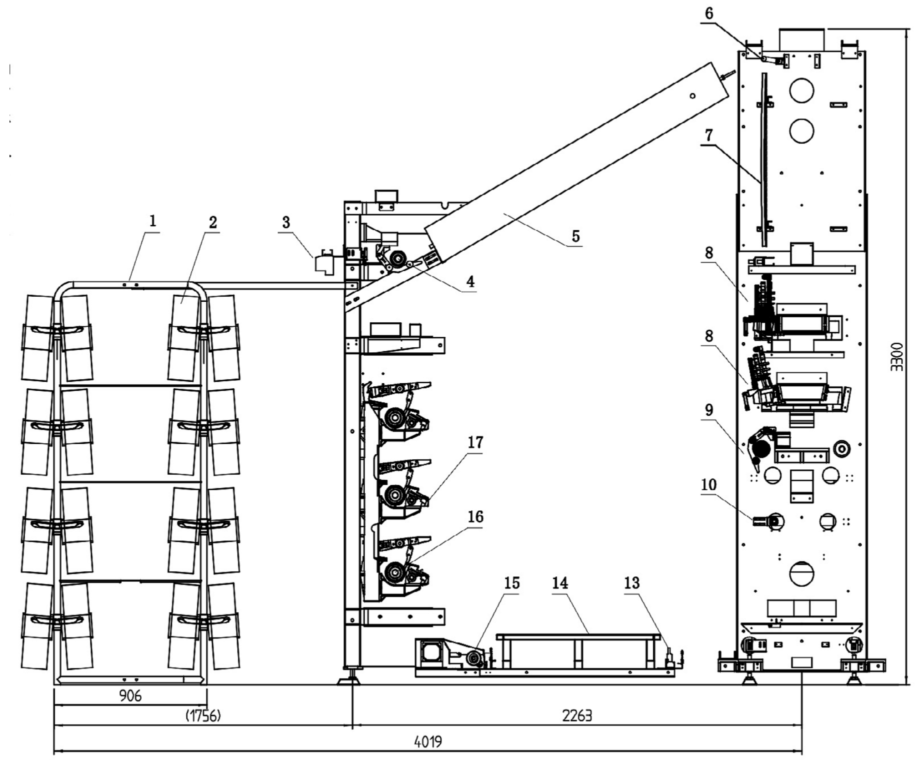
【主要技术参数】The Main Technical Parameters

锭数 Spindle		288锭Spindles
节数Section		12
锭距Spindle pitch		110mm
最高机械速度Highest Mechanical Speed		700m/min
加工纤度范围Denier of fiber		55-330dtex
节距Section Size		1440mm
假捻方式False twist way		叠盘式摩擦假捻器 Laminated friction disc
假捻方向False twist direction		S,Z可调/S,Z adjustable
第一热箱 (变形The first heat box (distortion)		联苯气相加热/1700mm biphenyl gas phase heating/1700mm
第二热箱 (定型The second heat box (figuration)		联苯气相加热/900mm biphenyl gas phase heating/900mm
冷却方式及长度Cooling mode and length		冷却板自然冷却/860mm cooling rail to cool naturally/860mm
摩擦辊直径Friction drum diameter		Φ100mm
罗拉直径Roller diameter		Φ80mm
上油罗拉直径Oiling roller diameter		Φ75mm
原丝最大尺寸Largest original yarn size		Φ435x250mm
最大卷装尺寸Maximum take-up size		Φ250x250mm
装机功率分类 Total power (kw)	传动 Drive	89
	上热箱 Up heat box	57.6
	下热箱 Below heat box	38.4
	辅助功率 Assist power	≈3
	总功率 Total powe	188

HYEF-S

经济型中速加弹机
Economical Medium Speed Draw Texturing Machine

【外形尺寸示意图】Overall dimension



[1] 原丝架 Raw yarn shelf
[2] 原丝饼 Raw yarn
[3] 切丝器 Cutting device
[4] W1罗拉 W1 roller
[5] 上热箱 Up heater
[6] 导丝器 Guide porcelain
[7] 冷却板 Cooling board
[8] 假捻器 False twister
[9] W2罗拉 W2 roller
[10] 中网 Middle interlaced
[12] W3罗拉 W3 rolla （选装）
[13] 探丝器 Detecting yarn device
[14] 踏板 Footrest
[15] 上油轮 Oiling wheel
[16] 磨擦辊 Pinchcoll
[17] 槽筒箱 Groove drum

【设备用途Equipment use】

该机主要是将POY原丝(聚酯预取向丝)，通过拉伸和假捻变形加工成具有低弹性能的假捻变形丝(DTY涤纶弹力丝)，加工时在每个锭位将S捻和Z捻的双丝合股直接一步加工成无剩余扭矩丝，相对于单锭生产后合股，该机产量增加一倍。
This machine mainly use POY yarn， through stretching and false twisting deformation,into a low false twist textured yarn (DTY),every spindle can produce S twist and Z twist, the S yarn can the Z yarn can be completed directly by one spindle

【主要技术参数】The Main Technical Parameters

锭数 Spindle	288锭Spindles
节数Section	12
锭距Spindle pitch	110mm
最高机械速度Highest Mechanical Speed	700m/min
加工纤度范围Denier of fiber	55-330dtex
节距Section Size	1440mm
假捻方式False twist way	叠盘式摩擦假捻器 Laminated friction disc
假捻方向False twist direction	S+Z
第一热箱 (变形The first heat box (distortion)	联苯气相加热/1700mm biphenyl gas phase heating/1700mm
冷却方式及长度Cooling mode and length	冷却板自然冷却/860mm cooling rail to cool naturally/860mm
摩擦辊直径Friction drum diameter	Φ100mm
罗拉直径Roller diameter	Φ80mm
上油罗拉直径Oiling roller diameter	Φ75mm
原丝最大尺寸Largest original yarn size	Φ435x250mm
最大卷装尺寸Maximum take-up size	Φ250x250mm

装机功率分类 Total power (kw)	传动 Drive	92.1
	上热箱 Up heat box	57.6
	下热箱 Below heat box	
	辅助功率 Assist power	≈3
	总功率 Total powe	152.7

【安装地脚图】Foundation bolt drawing