



TOLKAR[®]
SMARTEX[®]

Technological, Economical, Ecological Differences

LAUNDRY MACHINES

Since 1969

- Technological,
- Ecological,
- Economical Differences,



Hydra



miracle



miracle
hygiene



Carina
tumble dryers

Rising Stars...



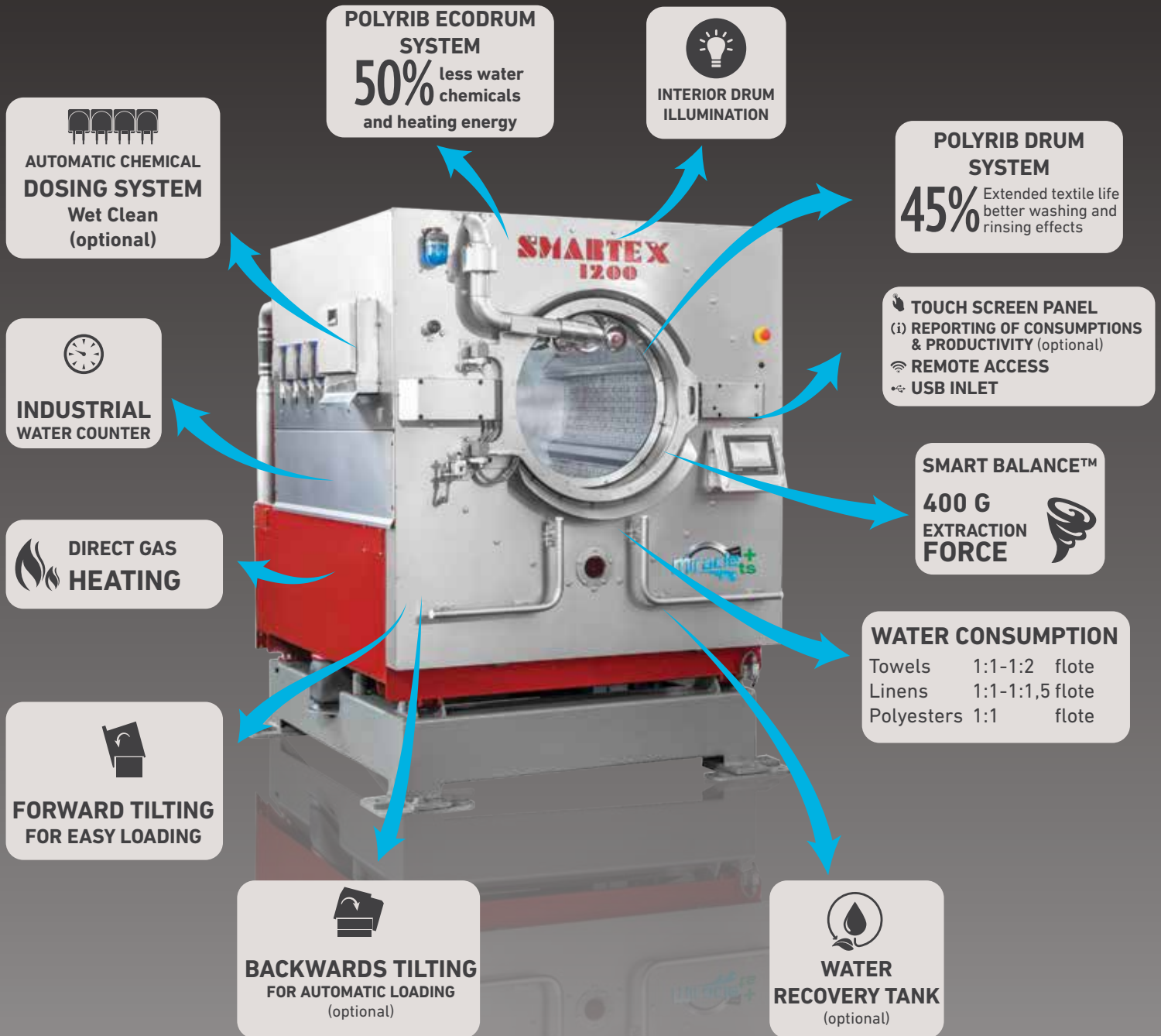


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WORLD'S MOST ADVANCED WASHING TECHNOLOGY

%100 MEASURABLE
SUSTAINABLE
ECONOMICAL & GREEN





COMPANY PROFILE

TOLKAR has established in 1969 as a family business regarding to produce textile processing and commercial laundry machines in city of Izmir, TURKEY. From the very first date, continuous development, better quality and customer satisfaction have made up a principle by TOLKAR where at the present day constitutes from 3 splendid innovative production factories in İZMİR Ataturk Industrial Zone, distributorship of the leader manufacturers of their sectors for supplementary products. TOLKAR has its own reputation in the world by reaching the production capacity of 3500 machines per year of various models and exports more than 91 countries abroad. Besides, 18 Regional Branches with their Sales & Service Managements in Turkey TOLKAR has more than 30 distributors with their Sales & Service Managements in abroad, ensures the fastest sales and after sales servicing facilities to their customers.

Along the stage of development, TOLKAR is devoted itself to differ as technological, ecological and economical supremacies. Utilization of latest technologies and techniques in production, TOLKAR performs from starting up the design phase, consequent research & development, prototype production, factory tests, field tests and mass production by accomplishing the mentioned triple mission. All revolutionary inventions those differs as technological, ecological and economical supremacies; have been protected with their Patents in all over the world. All our innovations offer to our customers uncompromisable and inapproachable savings where at the same time minimize the effluent in order to protect the environment for a clean world to the next generations.

TOLKAR provides all capacities of commercial & industrial laundry machines along with auxiliary equipment including turnkey projects and all textile/garment processing, washing, dyeing machines, unique waterless technologies right alongside the distributorship of the leader brands such as BIKO, COLMAC, SPEED QUEEN and RENZACCI.

In 2008, after acquisition of SMARTEX and its patented "Smart Balancing System", TOLKAR becomes the unique company who has the capability of manufacturing very high speed washer extractors by exerting 400 G force while spinning. Yet as the first and the only producer of the unique innovation introduced PolyRib ECO Drum, TOLKAR is proud to offer SMARTEX Miracle series which saves dramatically 50 % from the water, chemicals and heating energy and waste water along with the very first manufacturer of 'Direct Gas Heated' Washer Extractors.

Starting from 2013, TOLKAR announces to work on waterless and chemical free washing and processing technics by concentrating to develop Ozone Washing and Smart Flow Nano Bubble technologies for textile and garment industry in order to achieve dramatic reduction of water as well as to stop heavy chemical wastes. Today dissolution of the ozone gas within the water has achieved by TOLKAR wherein many garment processing steps can be done without chemicals and without any water discharge in shorter times. Same as Smart Flow Nano Bubble Spraying Technology achieves some steps without any water usage and without any discharge to environment.

In 2019, TOLKAR established the unmanned laundry and textile washing facilities with TOLKAR Future within the framework of Automation and Industry 4.0 applications. It has managed to establish an almost unmanned business by controlling all washing, drying, chemical transfer, recipe preparation and reporting from a single center by providing loading/unloading and textile transfers with automatic conveyors and shuttles.

With the consciousness of change alone is unchanging, TOLKAR will perpetuate the leadership in accordance with its mission to next generations.



T-3 PRODUCTION



T-2 ASSEMBLING



T-1 ASSEMBLING

SMARTEX MIRACLE

Full Automatic Washer Extractors

WORLD'S MOST ECONOMIC WASHING SYSTEMS



**FIRST AND THE ONLY
GAS HEATED
IN THE WORLD**

**COMPLETE
STAINLESS STEEL
BODY AND BASE
(Optional)**

**BACKWARDS
TILTING**
Easy Loading & Unloading
(optional)

WATER CONSUMPTION

Towels 1:1-1:2 L/R
Linens 1:1-1:1,5 L/R
Polyesters 1:1 L/R

POLYRIB ECODRUM SYSTEM

50% less water
chemicals
and heating energy

POLYRIB DRUM

45%
Longer
Textile Life

SMART BALANCING™

20%
Less drying
time &
drying energy

SMARTEX MIRACLE

Full Automatic Washer Extractors






Tank System
WATER RECOVERY
 Technology


60%
WATER SAVING

400G
EXTRACTION
FORCE

TOTALLY
VIBRATION
FREE

TOLKAR ULTIMATE
CONTROL SYSTEM

-  **Remote access**, instant mobile tracking
-  **USB programme transfer**
- **20 ready recipes, 100 recipes**
-  **Reporting**, amount of laundry, consumption values and working hours are being reported.
- **SmarteYE centralized control and data acquisition** (Optional)



PLC
Controlled
 7" Touch Screen Panel

10" Touch Screen Panel for 225&340 models



Automatic Liquid Detergent Dosing System

in built dosing pumps for liquid detergent dosing. Integrated with reporting and weight scale systems (Wet Clean) - (Optional)

SMARTEX MIRACLE

Full Automatic Washer Extractors



		Miracle 600	Miracle 1200	Miracle 1350
Heating Type		Elc/Stm/Gas	Steam / Gas	Steam / Gas
Loading Capacity	(Kg/Batch)	60	120	135
Drum Volume	(lt)	550	1.125	1.300
Motor Power	(Kw)	7,5	18,5	18,5
Gas Heat Power	(Kcal/hour)	33.000	66.000	66.000
Electric Heating Power	(Kw)	40	-	1.585
Width	(mm)	1.260	1.530	2.448
Depth	(mm)	1.890	2.415	2.056
Height	(mm)	1.765	2.030	2.456
Tilted Height	(mm)	-	2.370	2.700
Weight	(Kg)	1.290	2.230	2.700

Tolkar reserves changing the technical specifications of the machines due to technological necessities without prior notice

SMARTEX MIRACLE

Full Automatic Washer Extractors



		Miracle 1500	Miracle 2250	Miracle 3430
Heating Type		Steam / Gas	Steam / Gas	Steam
Loading Capacity	(Kg/Batch)	150	225	340
Drum Volume	(lt)	1.480	2.280	3.398
Motor Power	(Kw)	22	30	18,5
Gas Heat Power	(Kcal/hour)	66.000	132.000	-
Width	(mm)	1.750	1.915 (2.580)	2.175
Depth	(mm)	2.480	2.770	2.550
Height	(mm)	2.120	2.562	2.730
Tilted Height	(mm)	2.461	2.845	3.110
Weight	(Kg)	2.980	4.530	6.670

Tolkar reserves changing the technical specifications of the machines due to technological necessities without prior notice

HYDRA Mini Midi Maxi

Full Automatic Washer Extractors



Green
technology

360 G
EXTRACTION
FORCE

100%
HEAVY INDUSTRIAL
CONSTRUCTION

- ST37 balance weight system
- Engineered front & rear plates and drum construction
- Enhanced new belt-pulley system and bearing housing
- Unwelded inner drum

POWERSPRAY
(Optional)

35% less rinsing
water

25% less rinsing
time





HYDRA Mini Midi Maxi

Full Automatic Washer Extractors



TOLKAR ULTIMATE CONTROL SYSTEM

-  **Remote access**, instant mobile tracking
-  **USB programme transfer**
- **20** ready recipes, **100** recipes
- (i) Reporting**, amount of laundry, consumption values and working hours are being reported.
- **SmarteYE** centralized control and data acquisition (Optional)

FULLY STAINLESS STEEL

inner & outer drums,
front, sides and
top covers



**PLC
Controlled**
7" Touch Screen
Panel



Automatic Liquid Detergent Dosing System

in built dosing pumps for liquid detergent dosing. Integrated with reporting and weight scale systems (Wet Clean) - (Optional)

HYDRA Mini - Midi

Full Automatic Washer Extractors

10 - 15 - 20 - 25 - 30 - 40 - 50 Kg



		Hydra Mini 10	Hydra Mini 15	Hydra Mini 20	Hydra Mini 25	Hydra Mini 30	Hydra Midi 40	Hydra Midi 50
		Steam/Elc.	Steam/Elc.	Steam/Elc.	Steam/Elc.	Steam/Elc.	Steam/Elc.	Steam/Elc.
Loading Capacity	(Kg/Batch)	10	15	20	25	30	40	50
Drum Volume	(lt)	100	150	208	254	300	400	500
Motor Power	(Kw)	1.5	1.8	3	4	4	5.5	7.5
Heating Power	(Kw)	6	6	9	12	15	24	24
Width	(mm)	825	875	990	990	990	1.180	1.180
Depth	(mm)	860	820	1.030	1.155	1.300	1.345	1.525
Height	(mm)	1.300	1.295	1.450	1.450	1.450	1.780	1.780
Weight	(Kg)	350	400	595	700	700	1.125	1.230

Tolkar reserves changing the technical specifications of the machines due to technological necessities without prior notice

HYDRA Maxi

Full Automatic Washer Extractors

60 Kg



		Hydra Maxi 60
		Steam/Elc.
Loading Capacity	(Kg/Batch)	60
Drum Volume	(lt)	586
Motor Power	(Kw)	7,5
Heating Power	(Kw)	36
Width	(mm)	1.700
Depth	(mm)	1.560
Height	(mm)	1.920
Weight	(Kg)	1.900

Tolkar reserves changing the technical specifications of the machines due to technological necessities without prior notice

Fully Stainless Steel Covers

Wider Loading Door

New Generation Enhanced Drive System and Bearing Housing

Faster Heating with Enhanced Steam Inlet (3/4")

New Generation Heavy Industrial Construction

Faster Water Intake with Enhanced Water Inlet (1")

New Generation Enhanced Main Shaft and Sealing

Double Drain System (2")

Fully Stainless Steel Inner & Outer Drum

HYDRA Maxi

Full Automatic Washer Extractors

110 Kg



Hydra
Maxi 110
Steam

		Hydra Maxi 110 Steam
Loading Capacity	(Kg/Batch)	110
Drum Volume	(lt)	1.100
Motor Power	(Kw)	15
Heating Power	(Kw)	60
Width	(mm)	1.875
Depth	(mm)	2.055
Height	(mm)	2.265
Tilted Height	(mm)	2.542
Weight	(Kg)	4.300

Tolkar reserves changing the technical specifications of the machines due to technological necessities without prior notice

**Wider Loading
Door**

**Double Drain
System (4")**

**Fully Stainless
Steel Covers**

**Faster Heating
with
Enhanced Steam Inlet
(1")**

**Faster Water Intake
with
Enhanced Water Inlet
(2")**

**360G
EXTRACTION
FORCE**

HYDRA Maxi

Full Automatic Washer Extractors

110 Kg



**FORWARD
TILTING FOR
EASY
UNLOADING**

**New Generation
Enhanced Main
Shaft and Sealing**

**Fully Stainless
Steel Inner &
Outer Drum**

**New Generation
Heavy Industrial
Construction**

**New Generation
Enhanced Drive System
and Bearing Housing**

SMARTEX HYGIENE

Hygienic Barrier Type Washer Extractors



Green
technology



PLC
Controlled
7" Touch Screen
Panel



FIRST AND THE ONLY
GAS HEATED
IN THE WORLD

TOLKAR ULTIMATE CONTROL SYSTEM

- Remote access**, instant mobile tracking
- USB programme transfer**
 - 20 ready recipes, 100 recipes
- Reporting**, amount of laundry, consumption values and working hours are being reported.
- **Smarteye** centralized control and data acquisition (Optional)

SMARTEX MIRACLE HYGIENE

Hygienic Barrier Type Washer Extractors



400 G
EXTRACTION
FORCE

**DOUBLE
CONTROL
PANEL**

WATER CONSUMPTION

Greens	1:1 - 1:2	L/R
Linens	1 - 1:1,5	L/R
Uniforms	1:1 - 1:1,5	L/R

**FIRST AND
THE ONLY
FORWARD
TILTING
IN THE WORLD**

**OPEN POCKET
SINGLE DRUM**

**POLYRIB ECODRUM
SYSTEM**

50% less water
chemicals
and heating energy

POLYRIB DRUM

45%
Longer
Textile Life

**SMART
BALANCING™**

20%
Less drying
time &
drying energy

**Tank System
WATER RECOVERY
Technology**

60%
WATER
SAVING

SMARTEX MIRACLE HYGIENE

Hygienic Barrier Type Washer Extractors

60 - 135 - 225 Kg



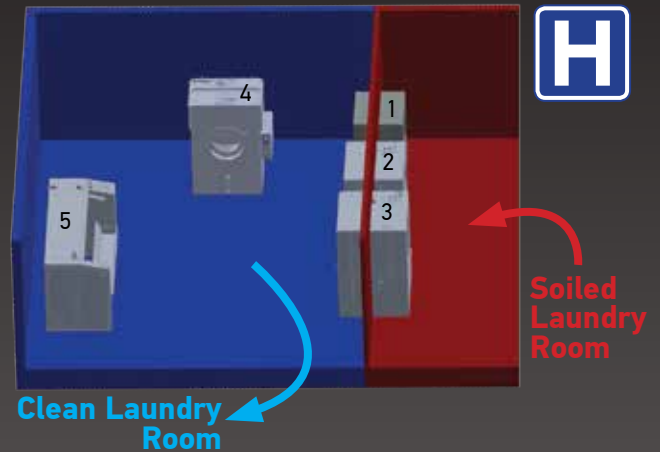
		Miracle Hygiene 600	Miracle Hygiene 1350	Miracle Hygiene 2250
Heating Type		Electric/Steam	Steam/Gas	Steam/Gas
Loading Capacity	(Kg/Batch)	60	135	225
Drum Volume	(lt)	600	1.300	2.280
Motor Power	(Kw)	7,5	18,5	30
Electric Heat Power	(Kcal/hour)	40	-	-
Gas Heat Power	(Kcal/hour)	-	66.000	132.000
Width	(mm)	1.260	1.882	2.355
Depth	(mm)	1.890	2.475	2.770
Height	(mm)	1.765	2.206	2.522
Tilted Height	(mm)	-	2.456	2.692
Weight	(kg)	1.290	2.700	4.650



NORMA HYGIENE

Hygienic Barrier Type Washer Extractors

20 - 40 - 60 - 90 - 120 Kg



- 1- Norma Hygienic Barrier Type Washer Extractors - 20 kg
- 2- Norma Hygienic Barrier Type Washer Extractors - 40 kg
- 3- Norma Hygienic Barrier Type Washer Extractors - 60 kg
- 4- Carina Tumble Dryer
- 5- Vela Flatwork Ironer

360 G
EXTRACTION
FORCE

Green
technology

PLC
Controlled
7" Touch
Screen Panel

FULLY STAINLESS STEEL

Inner & Outer Drums, Front,
Sides and Top Covers

**100% HEAVY INDUSTRIAL
CONSTRUCTION**

**TOLKAR ULTIMATE
CONTROL SYSTEM**

- Remote access**, instant mobile tracking
- USB programme transfer**
 - 20 ready recipes, 100 recipes
- Reporting**, amount of laundry, consumption values and working hours are being reported.
 - **Smarteye** centralized control and data acquisition (Optional)

		Norma Hygiene 20	Norma Hygiene 40	Norma Hygiene 60	Norma Hygiene 90	Norma Hygiene 120
Loading Capacity	(Kg/Batch)	20	40	60	90	120
Drum Volume	(lt)	200	400	600	900	1200
Motor Power	(Kw)	3	5,5	11	15	22
Heating Power	(Kw)	9	18	36	45	45
Width	(mm)	1.439	1.540	2.005	1.921	2.360
Depth	(mm)	967	1.161	1.450	1.382	1.450
Height	(mm)	1.590	1.737	1.996	2.171	2.060
Weight	(Kg)	785	1.190	1.600	2.200	2.750

* All specifications and features of Miracle Series will come along with SMARTEX MIRACLE HYGIENE as standard.

Tolkar reserves changing the technical specifications of the machines due to technological necessities without prior notice

CARINA

Tumble Dryer Machines



GAS + STEAM HEATING SYSTEM
(Optional for Models 4069 - 5070)

**FULLY STAINLESS STEEL
OUTER CABINET**
(Optional)



**STAINLESS STEEL
SERPENTINES**
Resist to high pressure at 10 Bar



**HUMIDITY
CONTROLLED
DRYING**



COOL DOWN
No more wrinkles,
hardness and thermal
shock on textiles



**BIDIRECTIONAL
ROTATION**


CARINA
Tumble Dryer Machines



HEAT RECOVERY SYSTEM
(Optional)
SAVES 20-25%
from Drying Time and Energy

TOLKAR ULTIMATE CONTROL SYSTEM

- **Remote access**, instant mobile tracking
- **USB programme transfer**
- **10 ready recipes, 100 recipes**
- **Reporting**, amount of laundry, consumption values and working hours are being reported.
- **Smarteye** centralized control and data acquisition (Optional)


PLC Controlled
7" Touch Screen Panel


FORWARD TILTING FOR EASY UNLOADING
BACKWARDS TILTING FOR EASY LOADING - STANDART
(Models 2200-4069-5070)
(Optional for Model 1500)


INVERTER CONTROLLED ADJUSTABLE DRUM SPEED

CARINA

Tumble Dryer Machines

201 - 305 - 405 - 500 - 605 -
805 - 1000 - 1200 - 1500



		Carina 201	Carina 305	Carina 405	Carina 500	Carina 605	Carina 805	Carina 1000
Heating Type		Electric	Elc./Stm./Gas	Elc./Stm./Gas	Elc./Stm./Gas	Elc./Stm./Gas	Elc./Gas	Elc./Stm./Gas
Capacity 1/20-1/15	(kg)	10/14	15/20	20/27	25/33	30/40	40/53	50/66
Drum Volume	(lt)	201	305	405	500	605	800	1.000
Drum Motor Power	(Kw)	0,37	0,75	0,75	0,75	0,75	1,1	1,1
Fan Motor Power	(Kw)	0,75	0,75	0,75	0,75	0,75/1,5/0,75	1,5/2,2/1,5	2,2/3/2,2
Electric Heating Power	(Kw)	12	14	14	24,5	21	42	63
Steam Consumption	(Kg/hour)	-	38	38	38	44	60	81
Gas Heat Power	(Kcal/hour)	-	17.325	18.150	23.100	24.750	36.300	37.125
Air flow	(m ³ /hour)	1.300	1.300	1.300	1.300	1.500	3.900	3.900/4.500/4.500
Width	(mm)	825	970	970	970	1.040	1.040	1.355/1.420/1.360
Depth	(mm)	915	870	1.020/1.100	1.180/1.240/1.240	1.215	1.650	1.500
Height	(mm)	955	1.650/1.780/1.790	1.650/1.780/1.790	1.650/1.780/1.790	1.780/1.860/1.910	1.860/1.860/2.069	2.130/2.250/2.380
Weight	(kg)	140	280	285	325	365	450	700

Tolkar reserves changing the technical specifications of the machines due to technological necessities without prior notice



CARINA

Tumble Dryer Machines

2200 - 2700 - 4069 - 5070

		Carina 1200	Carina 1500	Carina 1500*	Carina 2200	Carina 2700	Carina 4069	Carina 5070
Heating Type		Elc./Stm./Gas	Elc./Stm./Gas	Elc./Stm./Gas	Steam/Gas	Steam/Gas	Steam/Gas	Steam/Gas
Capacity 1/20-1/15	(kg)	60/80	75/100	75/100	110/145	135/180	200/270	250/340
Drum Volume	(lt)	1.200	1.500	1.500	2.200	2.700	4.069	5.070
Drum Motor Power	(Kw)	1,5	1,5	1,5	3	3	5,5	5,5
Fan Motor Power	(Kw)	1,5/2,2	2,2/3/3	3/3	4x1,1/2x3	4x1,1/2x3	4x3/2x3	4x3/2x3
Electric Heating Power	(Kw)	63	63	63	-	-	-	-
Steam Consumption	(Kg/hour)	95	110	110	160	270	400	500
Gas Heat Power	(Kcal/hour)	41.250	44.550	44.550	99.000	99.000	148.500	181.500
Air flow	(m ³ /hour)	4.500/6.400/6.400	4.500/6.400/6.400	6.400/6.400	6.400/6.400	11.000	22.000/11.000	22.000/11.000
Width	(mm)	1.355/1.420/1.360	1.355/1.420/1.360	1.800/1.800	2.120/2.000	2.104/2.043	2.240/2.290	2.474/2.489
Depth	(mm)	1.700	2.040	2.240	2.293/2.300	2.415/2.411	2.649/2.704	2.780/2.780
Height	(mm)	2.130/2.250/2.380	2.130/2.250/2.380	2.330/2.650	2.671/2.315	2.742/3.203	3.105/3.321	3.224/3.629
Tilted Height	(mm)		-	2.550/2.650	2.698/3.300	2.808/3.328	3.390/3.699	3.484/3.902
Weight	(kg)	725	900	1.100	1.500	2.300	3.280	3.910

* with forward tilting option. Tolkar reserves changing the technical specifications of the machines due to technological necessities without prior notice

CARINA DOUBLEDECK

Stacked Washer Dryers

HYDRA DOUBLEDECK

Stacked Washer Extractors and Dryers Stacked Dryers

10 / 10 Kg



360 G
EXTRACTION
FORCE



**DIRECT GEAR
BOX DRIVE
DRYER**

**100% HEAVY INDUSTRIAL
CONSTRUCTION**

**FULLY STAINLESS
STEEL**

Inner & Outer Drums, Front, Sides
and Top Covers

DOUBLEDECK WASHER			DOUBLEDECK DRYER		
Loading Capacity	(Kg/Batch)	10	Loading Capacity	(Kg/Batch)	10
Drum Volume	(lt)	100	Drum Volume	(lt)	200
Motor Power	(Kw)	1,5	Motor Power	(Kw)	0,25
Heating Power	(Kw)	6	Heating Power	(Kw)	14
Width	(mm)	825	Width	(mm)	825
Depth	(mm)	885	Depth	(mm)	915
Height	(mm)	1.225	Height	(mm)	955
Weight	(Kg)	350	Weight	(Kg)	140

Tolkar reserves changing the technical specifications of the machines due to technological necessities without prior notice

SPEED QUEEN

Full Automatic Washer and Dryers

10 / 10 Kg



WASHER

Capacity	(Kg)	10
Drum Volume	(lt)	96.8
Motor	(Kw)	0,67
Electric Heating	(Kw)	4.8
Width	(mm)	680
Depth	(mm)	820
Height	(mm)	1.990
Weight	(Kg)	122

- Stainless steel inner and outer drum
- Shorter washing time
- 6 recipes with electronic control
- Industrial components for longer life time
- 440 G - 1200 Rpm with dynamic balance

WASHER

Capacity	(Kg)	10
Drum Volume	(lt)	96.8
Max. Extraction	(G force)	440
Motor	(Kw)	0,67
Electric Heating	(Kw)	4.8

DRYER

Capacity	(Kg)	10
Drum Volume	(lt)	198
Motor	(Kw)	0,25
Electric Heating	(Kw)	5,35
Width	(mm)	683
Depth	(mm)	704
Height	(mm)	1.980
Weight	(Kg)	122

DRYER

Capacity	(Kg)	10
Drum Volume	(lt)	198
Motor	(Kw)	0,25
Electric Heating	(Kw)	5.35
Width	(mm)	683
Depth	(mm)	711
Height	(mm)	1.092
Weight	(Kg)	61

- High performance with exhaust ducting
- Shorter drying time with higher resistance power
- 5 programmes with electronic control
- Industrial components for longer life time
- Wide lint filter
- 180°C opening loading door

**COIN OR CARD
OPERATED**
(Optional)

VELA

Flatwork Ironers



Green
technology


GAS HEATING
OPTIONAL IN ALL
MODELS


**PADDLE BOX & FAN
SYSTEM**
FOR HUMIDITY COLLECTION
AND DISCHARGE IN
ALL MODELS

**GENUINE
NOMEX
BELTS**




**STAINLESS
STEEL
MAIN ROLL**
(Optional)



IN BUILT FOLDING

Vela 5532 - -7532 model offers 2 - 8 primary folds between 30 - 50 cm length

TOLKAR ULTIMATE CONTROL SYSTEM

-  **Remote access**, instant mobile tracking
-  **USB** programme transfer
- **5** ready recipes, **100** recipes
-  **Reporting**, amount of laundry, consumption values and working hours are being reported.
- **Smarteye** centralized control and data acquisition (Optional)



PLC Controlled
7" Touch Screen Panel

(Standard in Vela 7532)
(Optional)



ACCORDING TO TEXTILE TYPES
VELOCITY CONTROLLED ROLLS

(Standard in Vela 7532)
(Optional)

AUTOMATIC TEXTILE LENGTH MEASUREMENT


(Standard in Vela 7532)
(Optional)

VELA

Flatwork Ironers

320 - 550 - 750 mm
Roll Diameter



		Vela 3218	Vela 5520	Vela 5525	Vela 5530	Vela 5532 
Heating Type		Electric	Elc./Steam/Gas	Elc./Steam/Gas	Elc./Steam/Gas	Elc./Steam/Gas
Cylinder Diameter	(mm)	320	550	550	550	550
Cylinder Width	(mm)	1.800	2.000	2.500	3.000	3.200
Ironing Capacity	(Kg/hour)	30-35	65-75	85-105	90-120	90-120
Working Speed	(m/min)	2-6	3,5/10,5	3,5/10,5	3,5/10,5	3/9
Motor Power	(Kw)	0,37	1,1	1,1	0,55/0,55/1,1	0,55/0,55/1,1
Fan Motor Power	(Kw)	0,37	0,37	0,37	0,37/0,37/2x0,37	0,37/0,37/2x0,37
Elec. Heating Power	(Kw)	15	22,5	27	31,5	31,5
Steam Consumption	(Kg/hour)	-	45	50	55	55
Gas Heat Power	(Kcal/hour)	-	26.400	28.875	31.350	31.350
Width	(mm)	2.385	2.589/2.823/2.966	3.089/3.323/3.466	3.589/3.823/3.966	3.930/3.930/4.090
Depth	(mm)	1.012	1.196/1.196/1.334	1.196/1.196/1.334	1.196/1.196/1.334	1.150/1.200/1.200
Height	(mm)	992	1.523/1.523/1.569	1.523/1.523/1.569	1.523/1.523/1.569	1.355/1.355/1.675
Weight	(Kg)	500	930	1.050	1.170	1.360

Tolkar reserves changing the technical specifications of the machines due to technological necessities without prior notice


Capacities are given for the laundry extracted at 300 G force.

It is recommended that textiles keeping more water and moisture due to thickness or knit raw material should be pre dried in the dryers before ironing.

VELA
Flatwork Ironers

950 - 1200 mm
Roll Diameter



		Vela 7520	Vela 7525	Vela 7530	Vela 7532 	Vela 9530	Vela 12030
Heating Type		Elc./Steam/Gas	Elc./Steam/Gas	Elc./Steam/Gas	Elc./Steam/Gas	Elc./Steam/Gas	Elc./Steam/Gas
Cylinder Diameter	(mm)	750	750	750	750	950	1.200
Cylinder Width	(mm)	2.000	2.500	3.000	3.200	3.000	3.000
Ironing Capacity	(Kg/hour)	80-100	90-120	120-150	100-130	160-200	200-250
Working Speed	(m/min)	4,5/13,5	4,5/13,5	4,5/13,5	3/9	6-18	7-22
Motor Power	(Kw)	1,1	1,1	1,1	1,1	2,2/2,2/2x1,5	2,2/2,2/2x1,5
Fan Motor Power	(Kw)	0,37/0,37/0,37	0,37/0,37/0,37	0,37/0,37/2x0,37	0,37/0,37/0,75	3/3/0,37+3	3/3/0,37+3
Elec. Heating Power	(Kw)	30	37,5	42	54	72	84
Steam Consumption	(Kg/hour)	65	70	75	80	100	150
Gas Heat Power	(Kcal/hour)	31.350	31.350	34.650	49.500	66.000	82.500
Width	(mm)	2.835/2.995/2.995	3.335/3.425/3.425	3.685/3.870/4.010	3.987/3.987/4.207	4.113/4.113/4.400	4.137/4.137/4.156
Depth	(mm)	1.400/1.450/1.540	1.400/1.450/1.540	1.697/1.697/1.714 (2.260)(2.260)(2.405)	1.564/1.564/1.679	2.038/2.038/2.038 (3.016)(3.016)(3.016)	2.203/2.203/2.079 (3.181) (3.181)(3.057)
Height	(mm)	1.850/1.800/2.170	1.850/1.850/2.170	1.697/1.697/1.714	1.564/1.564/1.679	2.764/2.764/2.247	3.042/3.042/2.971
Weight	(Kg)	1.475	1.600	1.725	1.920	2.525/2.525/2.325	3.990/ 3.990/3.640

Tolkar reserves changing the technical specifications of the machines due to technological necessities without prior notice

Capacities are given for the laundry extracted at 300 G force.

It is recommended that textiles keeping more water and moisture due to thickness or knit raw material should be pre dried in the dryers before ironing.

VELA CHI

Chest Heated Ironers



Green
technology



GAS HEATING
OPTION IN ALL MODELS

**HUMIDITY
DISCHARGE
VIA INVERTER
CONTROLLED FANS
FROM INSIDE
THE ROLLS**

● SINGLE
●● DOUBLE
ROLLS



**DIRECT DRIVE
WITH
GEAR BOX**

VELA CHI

Chest Heated Ironers



TOLKAR ULTIMATE CONTROL SYSTEM

- Remote access**, instant mobile tracking
- USB programme transfer**
 - 5 ready recipes, 100 recipes
- Reporting**, amount of laundry, consumption values and working hours are being reported.
- **Smarteye** centralized control and data acquisition (Optional)

PLC Controlled
7" Touch Screen Panel

ACCORDING TO TEXTILE TYPES
VELOCITY CONTROLLED ROLLS

HIGH PRESSURE RESIST (12 BAR)
GERMAN MADE CHESTS

MAXIMUM PRESSURE & PRESSING
Quality via special spring crushes and pneumatic systems

VELA CHI

Chest Heated Ironers

800 - 1200 mm
Roll Diameter



		Vela CHI 18030	Vela CHI 28030	Vela CHI 18033	Vela CHI 28033	Vela CHI 18035	Vela CHI 28035
Heating Type		Steam/Gas	Steam/Gas	Steam/Gas	Steam/Gas	Steam/Gas	Steam/Gas
Number of Cylinder	(Pcs.)	1	2	1	2	1	2
Cylinder Diameter	(mm)	800	800	800	800	800	800
Cylinder Width	(mm)	3.000	3.000	3.300	3.300	3.500	3.500
Ironing Capacity	(Kg/hour)	150	350	160	400	180	420
Ironing Capacity	(Pcs./hour)	250	600	275	650	300	700
Working Speed	(m/min)	3-12	6-21	3-12	6-21	3-12	6-21
Motor Power	(Kw)	3	2x3	3	2x3	3	2x3
Fan Motor Power	(Kw)	0,75	1,1	7,5	1,1	7,5	1,1
Gas Heat Power	(Kcal/hour)	82.500	123.750	82.500	123.750	82.500	123.750
Steam Consumption	(Kg/hour)	120	220	130	240	130	240
Width	(mm)	4.338	4.339/4.624	4.638	4.639/4.924	4.838	4.839/5.124
Depth	(mm)	2.139	3.256/3.573	2.139	3.256/3.573	2.139	3.256/3.573
Height	(mm)	1.545 (2.089)	1.545 (2.101)/ 1.581(1.979)	1.545 (2.089)	1.545 (2.101)/ 1.581(1.979)	1.545 (2.089)	1.545 (2.101)/ 1.581(1.979)
Weight	(Kg)	3.700	5.800	3.750	5900	3.850	6000

Tolkar reserves changing the technical specifications of the machines due to technological necessities without prior notice. It is recommended that textiles keeping more water and moisture due to thickness or knit raw material should be pre dried in the dryers before ironing.

VELA CHI

Chest Heated Ironers

3000 - 3300 - 3500 mm
Roll Width



Gas Heating System



Chest and Drive System

		Vela CHI 112030	Vela CHI 212030	Vela CHI 112033	Vela CHI 212033	Vela CHI 112035	Vela CHI 212035
Heating Type		Steam/Gas	Steam/Gas	Steam/Gas	Steam/Gas	Steam/Gas	Steam/Gas
Number of Cylinder	(Pcs.)	1	2	1	2	1	2
Cylinder Diameter	(mm)	1.200	1.200	1.200	1.200	1.200	1.200
Cylinder Width	(mm)	3.000	3.000	3.300	3.300	3.500	3.500
Ironing Capacity	(Kg/hour)	250	600	280	660	300	700
Ironing Capacity	(Pcs./hour)	400	1000	450	1100	500	1150
Working Speed	(m/min)	4-18	9-38	4-18	9-38	4-18	9-38
Motor Power	(Kw)	7,5	2x7,5	7,5	2x7,5	7,5	2x7,5
Fan Motor Power	(Kw)	1,5	2,2	2,2	2,2	2,2	2,2
Gas Heat Power	(Kcal/hour)	123.750	198.000	123.750	198.000	123.750	198.000
Steam Consumption	(Kg/hour)	190	360	225	440	225	440
Width	(mm)	4.835/5.075	4.839/5.059	5.135/5.375	5.139/5.359	5.335/5.575	5.339/5.559
Depth	(mm)	2.532/3.036	4.074/4.351	2.532/3.036	4.074/4.351	2.532/3.036	4.074/4.351
Height	(mm)	1.885 (2.366)/ 1.885 (2.371)	1.885 (2.225)/ 1.885 (2.225)	1.885 (2.366)/ 1.885 (2.371)	1.885 (2.225)/ 1.885 (2.225)	1.885 (2.366)/ 1.885 (2.371)	1.885 (2.225)/ 1.885 (2.225)
Weight	(Kg)	4.400	9.200	4.500	9.500	4.600	9.900

Tolkar reserves changing the technical specifications of the machines due to technological necessities without prior notice

It is recommended that textiles keeping more water and moisture due to thickness or knit raw material should be pre dried in the dryers before ironing.

CAMILA MEGGY

Chest Heated Ironers




**Small Piece
Automatic Collection
and Stacking System
(Optional)**

**Conveyor
and
Stacker**

**Photocell Aided
Sensitive Textiles
Measurement**


**Automatic Speed
Synchronization
In Between Ironing
and Folding**

**Height
Adjustable
and Vacuumed
Feeding
Conveyor**


**3 Primary and
3 Cross Folds**

**DOUBLE
LANE
FOLDING**


GAS HEATED


**PLC
Controlled
10 inch Touch
Screen Panel**



Maximum Ironing Quality with Double Sided Contact In Between The Chests and Textiles

Engineered Pass System In Between Chests Without Stripes & Ribbons

Engineered Convex Type Chest System

		Camila Meggy
Heating Type		Gas
Number Of Chests	(Pcs.)	2
Total Textile Contact With Chest Surface	(mm)	2.000
Rate of Textiles Contact with Chest Surface	(%)	100
Ironing Width	(mm)	3.500
Ironing Capacity	(Kg/hr)	280-320
Ironing Capacity	(Pcs/hr)	350-400
Ironing Speed	(m/min)	4-18
Motor Power	(Kw)	9,34
Fan Power	(Kw)	2 x 1,5
Gas Heating Power	(Kcal/hr)	99.000
Width	(mm)	4.383 (6.110)
Depth	(mm)	4.166
Height	(mm)	2.645
Weight	(Kg)	9.350

**1 lane / 1-2-3 primary fold
1-2-3 cross fold**

**2 lanes / 1-2 primary fold
1-2 cross fold**

3 lanes / 1-2-3 primary fold

Minimum Maintenance With Ribbon Free & Crush Springs Free Engineered Design

Air Regulator and Automatic Air Discharge System






VIRGO

Linen Folding

3000 - 3300 - 3500 mm
Width



TOLKAR ULTIMATE CONTROL SYSTEM

-  **Remote access**, instant mobile tracking
-  **USB programme transfer**
-  **100 recipes**
-  **Reporting**, amount of laundry, consumption values and working hours are being reported.
-  **Smarteye** centralized control and data acquisition [Optional]

AUTOMATIC STACKER AND CONVEYOR

for easy handling
double stacker & conveyor
(Optional)

AUTOMATIC SPEED SYNCHRONIZATION WITH IRONER



3 Primary
3 Cross Folds
(Optional)

Single lane
2 primary
3 cross folds



Double lane 2 primary
2 cross folds and stacking
(linen, f&b) (Optional)

4 lanes, 2 primary folds
(f&b) (Optional)

Blanket and duvet folding
(Optional)



PLC
Controlled
7" Touch
Screen Panel

		VIRGO 3000	VIRGO 3300	VIRGO 3500
Folding Capacity	(Pcs/hour)	1.800	1.800	1.800
Working Speed	(m/min)	12-60 adjustable		
Folding Dimensions	(cm)	40x40 - 300x350		
Motor Power (Total)	(Kw)	3	3	3
Primary/Cross Folding		2 primary/3 cross		
Width	(mm)	3.710(5.034)	4.010(5.334)	4.210(5.534)
Depth	(mm)	1.757	1.757	1.757
Height	(mm)	3.894	3.894	3.894
Weight (Conveyor included)	(Kg)	1.750	2.050	2.200

Tolkar reserves changing the technical specifications of the machines due to technological necessities without prior notice

VIRGO SMARTFOLD

Towel Folding



Ergonomic Stacking To Top Side Of The Machine

120x200 cm
Folding



PLC Controlled
7 inch Touch Screen Panel

ABILITY TO FOLD AND SPLIT ALL TOWEL GROUPS AUTOMATICALLY




3 Split Input Conveyor

Enhanced Flat Primary Folding System With Blades

Engineered Cross Folds Via Pistons or Air Blast Depending On The Textile Thickness

Engineered Cross Fold Transportation System By Automatic Customizable Textile Thickness

TOLKAR ULTIMATE CONTROL SYSTEM

-  **Remote access**, instant mobile tracking
-  **USB programme transfer**
- **100 recipes**
-  **Reporting**, amount of laundry, consumption values and working hours are being reported.
- **Smarteye** centralized control and data acquisition (Optional)

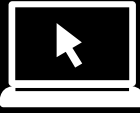
Folding Capacity	(Pcs./hour)	900 - 1.000
Working Speed	(m/min)	54
Folding Dimensions	(cm)	40x40 - 120x200
Motor Power (Total)	(Kw)	2,75
Primary/Cross Folding		2 / 2
Width	(mm)	1.815
Depth	(mm)	3.565
Height	(mm)	1.775
Weight	(kg)	1.400

Tolkar reserves changing the technical specifications of the machines due to technological necessities without prior notice

VIRGO

Towel Folding



 **PLC Controlled**
7" Touch Screen Panel

4 SPLIT INPUT CONVEYOR




Ability to fold
120x200 cm

TOLKAR ULTIMATE CONTROL SYSTEM

ABILITY TO FOLD AND SPLIT ALL TOWEL GROUPS AUTOMATICALLY

 **FOLDING WITH AIR BLAST**

HEIGHT ADJUSTABLE INPUT CONVEYOR AND DOUBLE OUTPUT FLAP

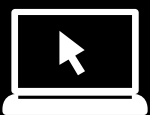
-  **Remote access**, instant mobile tracking
-  **USB programme transfer**
- **100 recipes**
-  **Reporting**, amount of laundry, consumption values and working hours are being reported.
- **SmarteYE** centralized control and data acquisition (Optional)

Folding Capacity	(Pcs/hour)	900 - 1.000
Working Speed	(m/min)	64
Folding Dimensions	(cm)	40x40 - 120x200
Motor Power (Total)	(Kw)	2
Primary/Cross Folding		2 en/2 boy
Width	(mm)	2.996
Depth	(mm)	5.200
Height	(mm)	1.408
Weight (Conveyor included)	(Kg)	1.485

Tolkar reserves changing the technical specifications of the machines due to technological necessities without prior notice

VIRGO MAXX

Towel Folding



**PLC
Controlled**
7" Touch Screen
Panel

**ABILITY TO
FOLD AND SPLIT
ALL TOWEL GROUPS
AUTOMATICALLY**

**1 SPLIT INPUT
CONVEYOR**

with ability to fold up to

120x240 cm

TOLKAR ULTIMATE CONTROL SYSTEM

- Remote access**, instant mobile tracking
- USB** programme transfer
- **100** recipes
- Reporting**, amount of laundry, consumption values and working hours are being reported.
- **SmarteYE** centralized control and data acquisition (Optional)

Folding Capacity	(Pcs./hour)	700 - 900
Working Speed	(m/min)	30
Folding Dimensions	(cm)	40x40 - 120x240
Motor Power (Total)	(Kw)	0,61
Primary/Cross Folding		1 / 2
Width	(mm)	1.550
Depth	(mm)	3.940
Height	(mm)	1.450
Weight	(kg)	1.505

Tolkar reserves changing the technical specifications of the machines due to technological necessities without prior notice

VIRGO

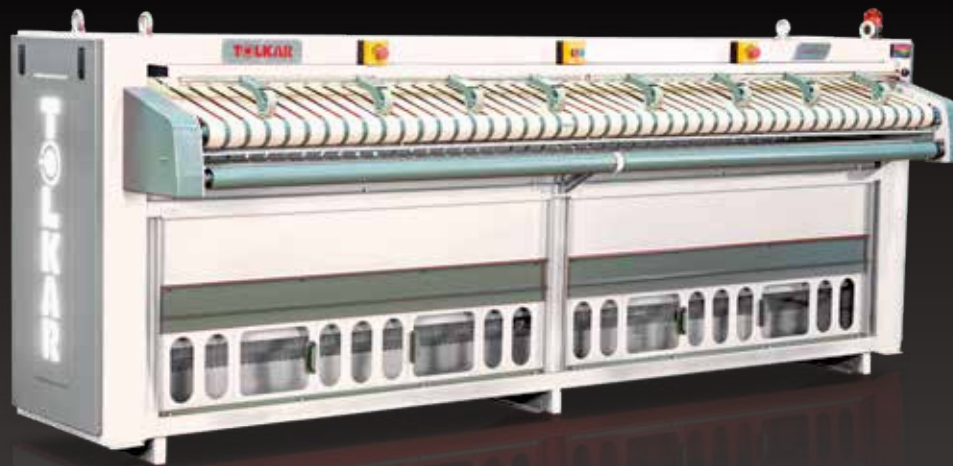
4 Station Automatic Clamp Feeder



- PLC controlled 10 inch touch screen panel
- Maximum efficient with 3-4 station synchronous transmission function
- Available for monitoring the quantity statistics function that can accurately measure the quantity of linen in each station
- Perfect spreading and feeding with double sided brushing and vacuum
- Anti-drop function to deliver large and heavy linens without any drops
- Automatic spreading speeds with servo motor controlled shuttle
- Manual feeding for small pieces
- Spreading with blades and engineered brushing belts
- Available to feed duvets and covers

Automatic Clamp Feeder – 3 - 4 Stations

		3	4
Number of Stations	(Qty)	3	4
Max Feeding Width	(mm)	3.300	3.300
Capacity	(pcs/hr)	600 - 900	800 - 1.200
Working Speed	(m/min)	10-60	10-60
Total Power	(Kw)	17,5	17,5
Weight	(kg)	4.500	4.800
Width	(mm)	2.220	2.220
Depth	(mm)	4.960	4.960
Height	(mm)	2.380	2.380



VIRGO

Vacuum Feeder

Standard Features

- Vacuum Feeders are designed for huge capacity ironers in order to perform the most demanding high quality finishing tasks. It is suitable for linens, pillow cases, table napkins and table clothes.
- Ergonomic designed structure with high efficient centrifugal fans, a forceful airflow has created to catch, to flatten, to tauten and to feed the laundry.
- All movements such as string, bending, pulling fulfilled by operators normally, are done mechanically in order to achieve dramatically savings.
- Besides by reducing the gap of fed linens in between, efficiency of the ironer has been raised up.
- According to type of fed material, speed and vacuuming are adjustable whereas feeder relocates easily with carrier wheels.

		VIRGO 3000	VIRGO 3300	VIRGO 3500
Feeder Weight	(mm)	3.000	3.300	3.500
Working Speed	(m/min.)	6 - 36 adjustable	6 - 36 adjustable	6 - 36 adjustable
Motor Power (Total)	(Kw)	0,55	0,55	0,55
Fan Motor Power	(Kw)	4x0,75	4x0,75	4x0,75
Width	(mm)	3.463	3.763	3.963
Depth	(mm)	1.252	1.252	1.252
Height	(mm)	1.273	1.273	1.273
Weight	(Kg)	760	820	880

Tolkar reserves changing the technical specifications of the machines due to technological necessities without prior notice

AUTOMATIC SPEED SYNCHRONIZATION WITH IRONING



VIRGO

Napkin, Pillow Case Stacker

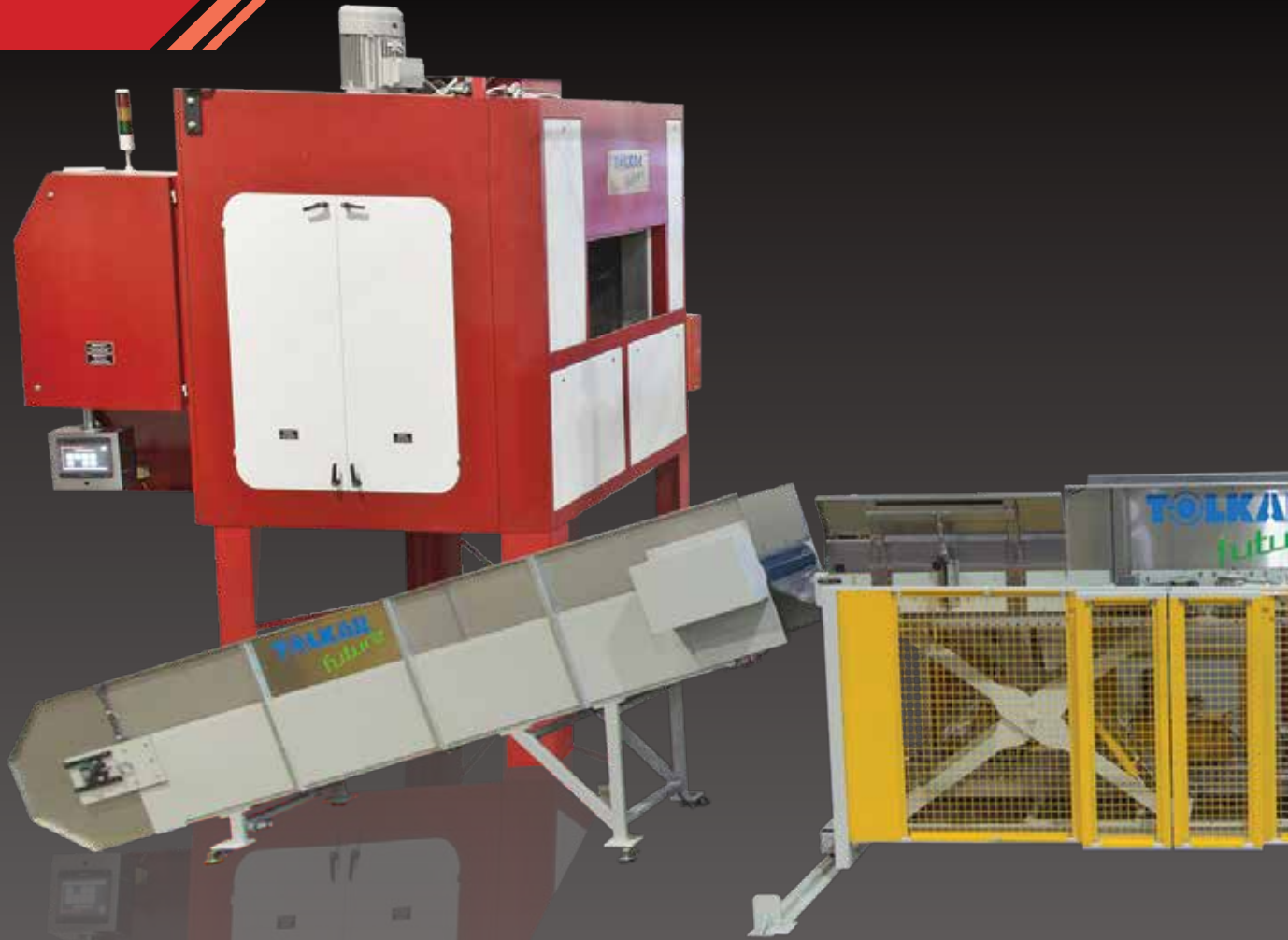
		VIRGO 3000	VIRGO 3300	VIRGO 3500
Working Speed	(m/min)	12-30	12-30	12-30
Capacity	(Pcs./hour)	3.600	3.600	3.600
Air Consumption	(lt/min)	540 (6-8 bar)	540 (6-8 bar)	540 (6-8 bar)
Motor Power	(Kw)	1,5	1,5	1,5
Stacking Dimensions	(cm)	72x55	80x55	85x55
Nr. of Split Input Conveyors		4	4	4
Width	(mm)	3.480	3.780	3.980
Depth	(mm)	3.530	3.530	3.530
Height	(mm)	1.650	1.650	1.650

- Flat stacking ability for small pieces such as napkins, runners, pillow cases on 4 separate lines
- Requested number of stacked textiles are collected by only
- 1 operator instead of 4
- PLC based 7" touch screen panel
- 30 meters/min working speed
- Maximum stacking dimensions 3000-3300-3500 width options
- 100 programmes
- Separate programming for each 4 lanes
- Reporting based on textile types and numbers
- Reporting based on programme and lanes
- Automatic speed synchronization with chest heated ironers and folding machines
- By pass option for large items

TOLKAR CARINA PT

Pass Through Tumble Dryers

150 - 250 Kg



		3000	5000
Heating Type		Steam / Gas	Steam / Gas
Capacity	(Kg)	150	250
Drum Volume	(lt)	3.014	5.070
Drum Diameter	(mm)	1.600	1.980
Drum Depth	(mm)	1.500	1.650
Motor Power	(Kw)	5.5	5.5
Fan Motor Power	(Kw)	11	11
Steam Consumption	(Kg/Hour)	350	500
Gas Heat Power	(Kcal)	148.500	181.500
Air flow	(m³/Hour)	11.000	22.000
Width	(mm)	2.200	2.543
Depth	(mm)	2.200	3.079
Height	(mm)	4.000	4.446
Weight	(Kg)	3.600	4.990

Compatible with automatic loading unloading systems

Faster drying time within 20-25 min/cycle

Front side loading and back side unloading automatically

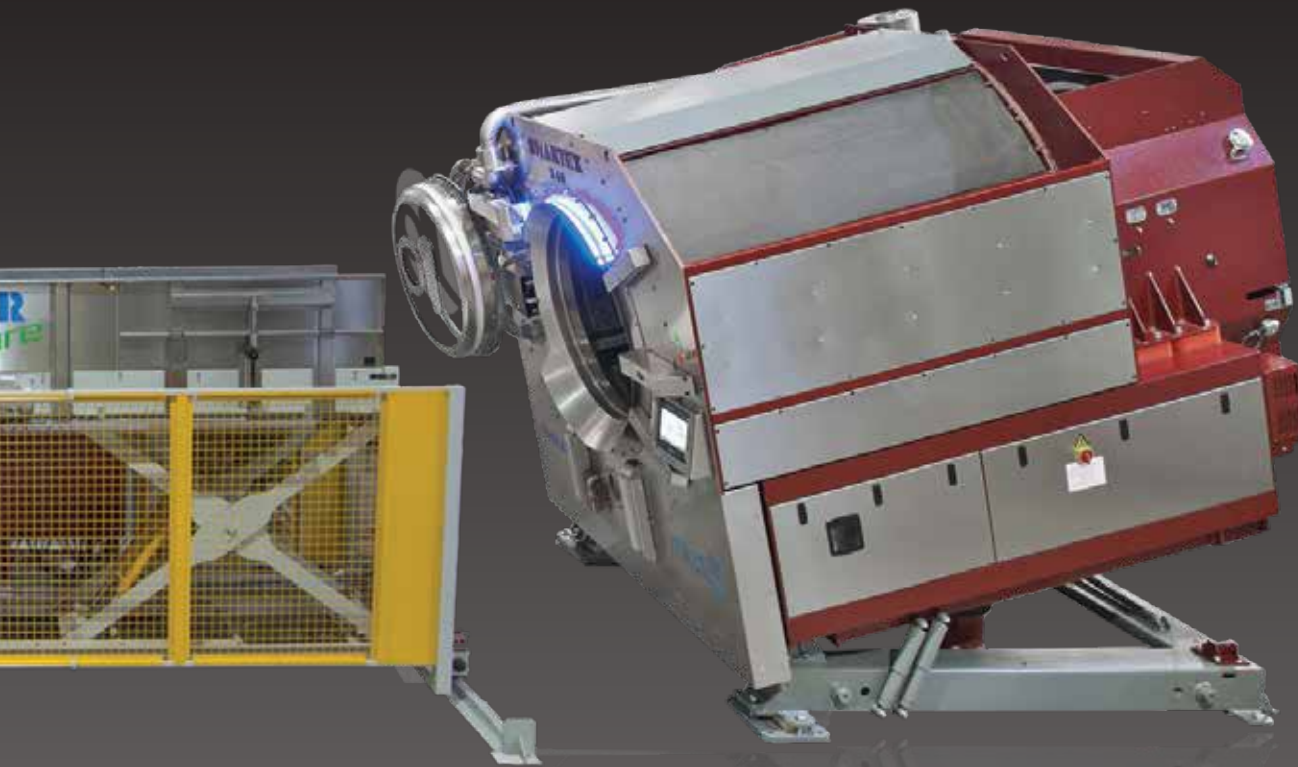
Steam & Gas heated models

Humidity control
Infrared control drying (Optional)

PLC controlled touch screenpanel

Tolkar reserves changing the technical specifications of the machines due to technological necessities without prior notice

TOLKAR FUTURE
Automatic Loading Unloading System



1000 - 1500 KG/HOUR PRODUCTION WITH FULL AUTOMATION SYSTEM

MAXIMUM PRODUCTIVITY WITH RAPID LOADING & UNLOADING

SUITABLE FOR FLEXIBLE WORKING WITH STAND BY SYSTEM

ZERO REJECTION WITH MAXIMUM CLEANING PERFORMANCE

CONTROLLED FROM CENTRALIZED COMPUTER INCLUDING RECIPE TRANSFER

AUTOMATIC LOADING UNLOADING CONVEYOR & SHUTTLE SYSTEM ELIMINATES THE NEED FOR LABOUR 90%

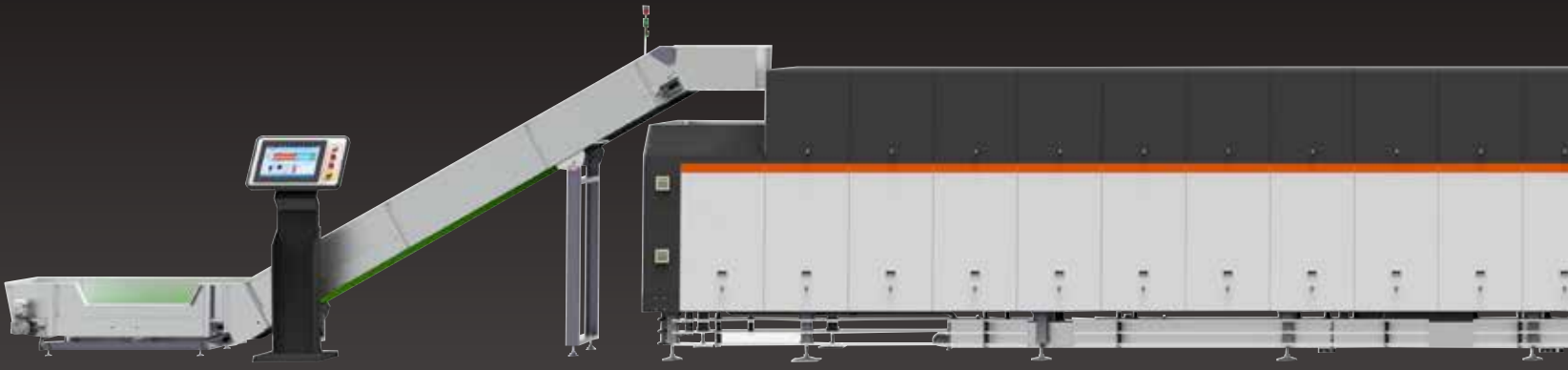
FULLY MAN FREE OPERATION ELIMINATES THE RISKS OF FAILURE AND MISTAKES

MINIMUM CHEMICAL CONSUMPTION WITH AUTOMATIC CHEMICAL DOSING

ACCOMPLISHED TRANSPORTATION CONVEYOR BEHIND THE DRYERS' FOR EASY TRANSPORT TO FINISHING (OPTIONAL)

		Miracle 2250	Miracle 3430
Heating Type		Steam / Gas	Steam
Loading Capacity	(Kg/Batch)	225	340
Drum Volume	(lt)	2.280	3.398
Motor Power	(Kw)	30	18,5
Gas Heat Power	(Kcal/hour)	132.000	-
Width	(mm)	1.915 (2.580)	2.175 (2.700)
Depth	(mm)	2.770	3.040
Height	(mm)	2.562	2.730
Tilted Height	(mm)	2.845	3.110
Weight	(Kg)	4.530	6.670

TUNNEL WASHING SYSTEMS



**Compartment
Capacity
60 Kg**

**Number of
Compartments
16-13-12
-10-8**

**Bottom Transfer
-
Lower
Compartment
Transfer System**

**Counter
Flow
Rinsing**

**Automatic
Filter
System
(Optional)**



**PLC Controlled
15" Touch Screen
Panel**

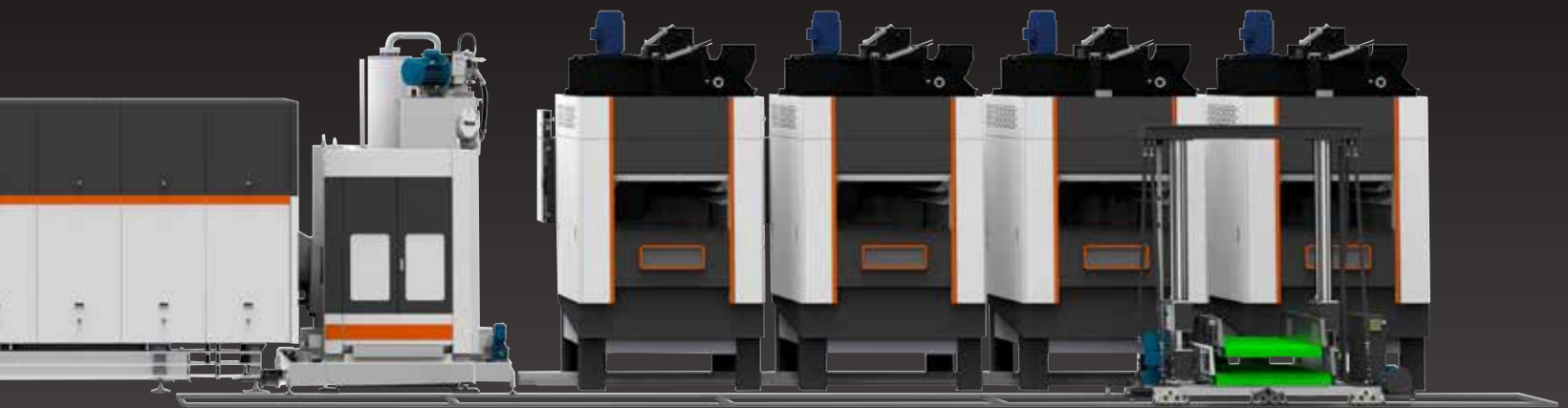
**100 Programs
100 Customers**

**Automatic
Proportional
Process**

**Remote
Access**

**Reporting
System**

Compatible with Automatic bag loading system



**Drying Capacity
120 Kg**

**Faster
drying time
17-25 min/Batch**

**10 bars
steam
pressure**

**Proportional
gas burner**

**Indirect heating
for gas heated
models**

**Tilting for
faster
unloading**

**Humidity
controlled**

**Gas and
Steam
with heating
options**

**Automatic
lint cleaning**

**Lint
Collector
(Optional)**

**Completely
insulated body
structure heat
jacket**

**47 bar
press**

**Proportional
hydraulic
system**

**Heavy
Industrial
construction**

AUXILIARY EQUIPMENTS

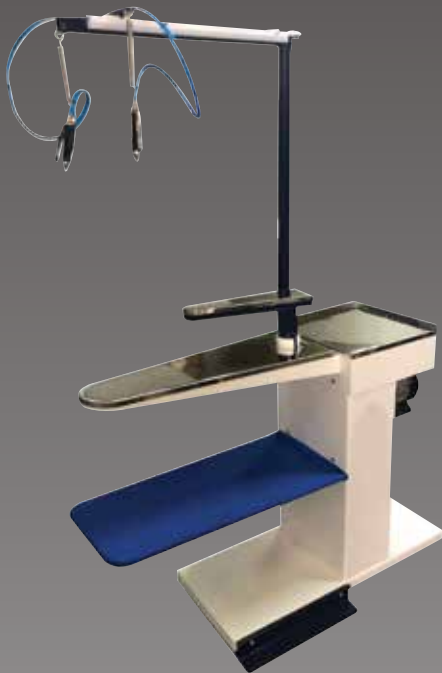
- Tolkar Dry Cleaning Machines
- Presses
- Narrow Type Ironing Tables
- Air Form Finishers
- Stain Removers
- Shirt Robots And Collar & Cuff Presses
- Trolleys
- Mobile Working Tables
- Shelves
- Sink Units
- Garment Hanger Trolleys
- Marking Machines
- Packing Machines
- Conveyor Systems
- Steam Generators
- Air Compressors
- Sewing And Overlook Machines



Pressing Machine
Manual / Pneumatic
Electric / Steam Heated



Narrow Type Ironing Table
Electric / Steam Heated



Stain Removal / Spotting Machine
Electric / Steam Heated



Air Form Finisher
Manual / Pneumatic
Electric / Steam Heated

AUXILIARY EQUIPMENTS



Garment Conveyor



Mobile Hanger Trolley



Packing Machine



Single / Double Sink Unit

Stainless Steel

(90-120-140-160-180-190 cm)



Mobile Working Table

Stainless Steel

(90-140-180-190-240-290 cm)



Laundry Trolley

(270-280-500-900-
1000-2000 liters)



Stainless Steel Shelves

(90-120-140-160-180-190 cm)

COLMAC Tunnel Finishers



DISTRIBUTORSHIPS



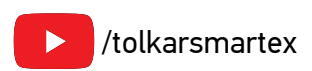
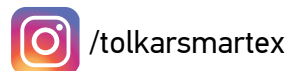


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