



Technological, Ecological, Economical Differences

☉ Technological,
Ecological,
Economic Differences

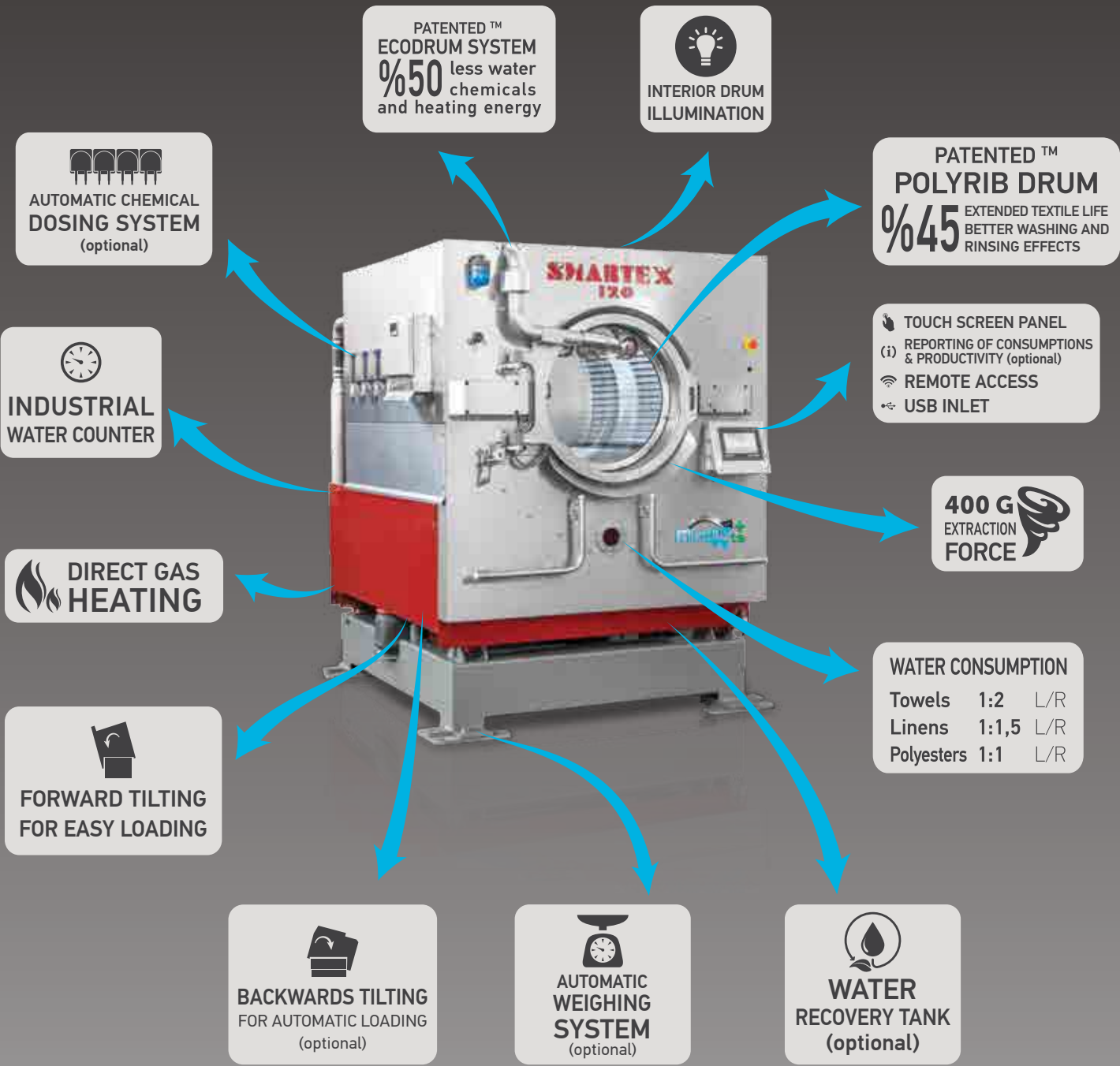
Rising Stars...



WORLD'S MOST ADVANCED WASHING TECHNOLOGY



%100 MEASURABLE
SUSTAINABLE
ECONOMICAL & GREEN



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COMPANY PROFILE

TOLKAR has established in 1969 as a family business regarding to produce textile processing and commercial laundry machines at IZMİR, Camdibi. From the very first date, continuous development, better quality and customer satisfaction have made up a principle by TOLKAR where at the present day constitute from 2 splendid innovative production factories in IZMİR Ataturk Industrial Zone along with distributorship of the leader manufacturers of their sectors for supplementary products and more than 300 employees of its Group Companies. 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 70 countries abroad. Besides, 16 Regional Branches with their Service Managements in Turkey and more than 25 distributors with their Service Managements in abroad ensure 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 uncompromised 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 laundry & textile processing machines and equipments right along side the distributorship of the leader brands in their sector such as LAVATEC, BIKO, COLMAC, SPEEDQUEEN, CHICAGO 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 only producer of the patented innovation introduced PolyRib ECO Drum, TOLKAR is proud to offer SMARTEX MIRACLE series which saves dramatically 50 % from the water, chemicals and heating energy. In 2013, TOLKAR is proud to announce SMARTEX Miracle + TS which has in built water recovery tank system that saves additional 25 % water saving additional to SMARTEX Miracle series.

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



SMARTEX MIRACLE
Fully automatic washer extractors

WORLD'S MOST ECONOMIC
WASHING SYSTEMS



Green
technology

FIRST AND THE ONLY
GAS HEATED
IN THE WORLD

WATER CONSUMPTION

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

ECODRUM SYSTEM

%50 less water
chemicals
and heating energy

POLYRIB DRUM

%45 longer
textiles life

SMART BALANCING

%20 less
drying
time
& drying energy



Vc

Virtual Network Computing

Windows Android Apple

TOLKAR ULTIMATE
CONTROL SYSTEM

- remote access recipe preparation, upload & download, recipe transfer to desired machines and software updates via remote access
- USB programme transfer
- 100 recipes each, 100 step
- reporting performance and maintenance reporting ability consumptions of water, steam, electricity, chemicals etc along with productivity

PLC
controlled
touch screen

400 G
EXTRACTION
FORCE

**totally
vibration
free**

precious weight
scale system

Automatic (only required)
water, steam, chemical
intake according to
scaled textiles

AUTOMATIC LIQUID
DETERGENT DOSING
SYSTEM

in built dosing pumps for liquid
detergent dosing. Integrated with
reporting and weight scale systems
(optional)

SMARTEX MIRACLE
Fully automatic washer extractors

60 - 120 kg

TUSiD 2012
INDUSTRIAL PRODUCTS COMPETITION

SMARTEX MIRACLE
Gas Heated Laundry Systems

1

1

TUSiD 2009
INDUSTRIAL PRODUCTS COMPETITION

SMARTEX MIRACLE
PolyRib ECO Drum Technology

SMARTEX MIRACLE
Fully automatic washer extractors

135 - 150 kg



		Miracle 60	Miracle 120
Heating Type		Elc/Strm/Gas	Steam/Gas
Capacity	(kg/batch)	60	120
Drum Volume	(lt)	550	1.125
Motor Power	(Kw)	7,5	18,5
Gas Heat Power	(Kcal/h)	33.000	66.000
Width	(mm)	1.260	1.530
Depth	(mm)	1.890	2.415
Height	(mm)	1.765	2.030
Tilted Height	(mm)	--	2.370
Weight	(kg)	1.290	2.230

		Miracle 135	Miracle 150
Heating Type		Steam/Gas	Steam/Gas
Capacity	(kg/batch)	135	150
Drum Volume	(lt)	1.320	1.480
Motor Power	(Kw)	18,5	22
Gas Heat Power	(Kcal/h)	66.000	66.000
Width	(mm)	1.585	1.750
Depth	(mm)	2.448	2.480
Height	(mm)	2.056	2.120
Tilted Height	(mm)	2.456	2.461
Weight	(kg)	2.700	2.980

SMARTEX MIRACLE

Fully automatic washer extractors

225 - 340 kg



		Miracle 225	Miracle 340
Heating Type		Steam/Gas	Steam
Capacity	(kg/batch)	225	340
Drum Volume	(lt)	2.280	3.398
Motor Power	(Kw)	30	18,5
Gas Heat Power	(Kcal/h)	132.000	--
Width	(mm)	1.915	2.175
Depth	(mm)	2.275	2.550
Height	(mm)	2.530	2.730
Tilted Height	(mm)	2.845	3.110
Weight	(kg)	4.530	6.670

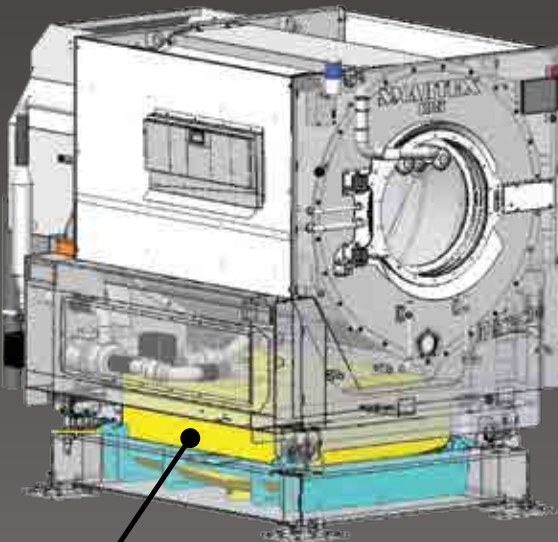

BACKWARDS TILTING
EASY LOADING & UNLOADING
(optional)

Tank System
WATER RECOVERY
Technology
%60 WATER
SAVING

SMARTEX MIRACLE + TS

Fully automatic washer extractors

60 - 120 - 135 - 150 - 225 kg



Water
recovery
tank

		Miracle 60	Miracle 120	Miracle 135	Miracle 150	Miracle 225
Heating Type		Elc/Stm/Gas	Steam/Gas	Steam/Gas	Steam/Gas	Steam/Gas
Capacity	(kg/batch)	60	120	135	150	225
Drum Volume	(lt)	550	1.125	1.320	1.480	2.280
Recovery Tank	(lt)	180	360	400	450	700
Motor Power	(Kw)	7,5	18,5	18,5	22	30
Gas Heat Power	(Kcal/h)	33.000	66.000	66.000	66.000	132.000
Width	(mm)	1.260	1.530	1.585	1.750	1.915
Depth	(mm)	1.890	2.415	2.448	2.480	2.275
Height	(mm)	1.765	2.030	2.056	2.120	2.530
Tilted Height	(mm)	-	2.370	2.456	2.461	2.845
Weight	(kg)	1.290	2.230	2.700	2.980	4.530

HYDRA Mini Midi Maxi

Fully automatic washer extractors



TUSiD 2007
INDUSTRIAL PRODUCTS COMPETITION
HYDRA POWERSPRAY
Power Spray Technology

HYDRA Mini Midi Maxi

Fully automatic washer extractors



Powerspray (optional)

%35 less rinsing water
%25 less rinsing time

Green
technology

% 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

300 G
EXTRACTION
FORCE

TOLKAR ULTIMATE CONTROL SYSTEM

- **remote access** recipe preparation, upload & download, recipe transfer to desired machines and software updates via remote access
- **USB** programme transfer
- **5" TFT COLORFUL SCREEN**
- **MANUEL CONTROL OPTION**
- **100 recipes each**
- **(i) reporting** performance and maintenance reporting ability consumptions of water, steam, electricity, chemicals etc along with productivity **(Optional)**

FULLY STAINLESS STEEL

inner & outer drums, front,
sides and top covers



**LIQUID CHEMICAL
DOSING SYSTEM**
in built dosing pumps for liquid
chemical dosing
Integrated with reporting and
weight scale systems
(optional)

HYDRA Mini

Fully automatic washer extractors

10-12-20-25-30 kg

HYDRA Midi

Fully automatic washer extractors

35-40-50 kg

HYDRA Maxi

Fully automatic washer extractors

60-80-110 kg



		Hydra Mini 10	Hydra Mini 12	Hydra Mini 20	Hydra Mini 25	Hydra Mini 30	Hydra Midi 35	Hydra Midi 40	Hydra Midi 50
Capacity	(kg/batch)	10	12	20	25	30	35	40	50
Drum Volume	(lt)	100	120	208	254	300	350	400	500
Motor Power	(Kw)	1,5	2,2	3	4	4	5,5	5,5	7,5
Heating Power	(Kw)	6	8	9	12	15	15	18	24
Width	(mm)	825	825	990	990	990	1.180	1.180	1.180
Depth	(mm)	860	970	1.030	1.155	1.300	1.275	1.345	1.525
Height	(mm)	1.190	1.190	1.450	1.450	1.450	1.780	1.780	1.780
Weight	(kg)	350	390	595	700	770	1.075	1.125	1.230



360°
EXTRACTION
FORCE



PLC
controlled
touch screen
(Optional)
(Standard in
Hydra 110)



FORWARD
TILTING
(Optional)
(Standard in
Hydra 110)



precious weight
scale system
Automatic (only required)
water, steam, chemical
intake according to
scaled textiles
(Optional)
(Standard in Hydra 110)



LIQUID CHEMICAL
DOSING SYSTEM
in built dosing pumps for
liquid chemical dosing
Integrated with reporting
and weight scale systems
(optional)
(Standard in
Hydra 110)

		Hydra Maxi 60	Hydra Maxi 80	Hydra Maxi 110
Capacity	(kg/batch)	60	80	110
Drum Volume	(lt)	600	800	1.100
Motor Power	(Kw)	11	15	22
Heating Power	(Kw)	36	39	
Width	(mm)	1.460	1.710	1.720
Depth	(mm)	1.590	1.730	2.092
Height	(mm)	2.000	2.040	2.470
Tilted Height	(mm)	-	-	2.810
Weight	(kg)	2.250	2.990	4.600

TOLKAR MIRACLE

Fully automatic washer extractors

50 - 60 kg



		Miracle 50	Miracle 60
Heating Type		Elc/Stm/Gas	Elc/Stm/Gas
Capacity	(kg/batch)	50	60
Drum Volume	(lt)	500	600
Motor Power	(Kw)	7,5	11
Gas Heat Power	(Kcal/h)	33.000	33.000
Elc. Heat Power	(Kw)	24	36
Width	(mm)	1.180	1.460
Depth	(mm)	1.525	1.590
Height	(mm)	1.780	2.130
Weight	(kg)	1.230	2.300

* All specifications and features of Hydra Series will come along with Tolkar Miracle as standard.

Green
technology



PLC
controlled
touch screen

WATER CONSUMPTION

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

ECODRUM SYSTEM
%50 less water
chemicals
and heating energy

POLYRIB DRUM
%45 longer
textiles life



FIRST AND THE ONLY
GAS HEATED
IN THE WORLD

FULLY
STAINLESS STEEL

inner & outer drums, front,
sides and top covers

360°
EXTRACTION
FORCE



Direct
Gear Box
Drive
Dryer

%100 HEAVY INDUSTRIAL
CONSTRUCTION

HYDRA DOUBLEDECK

Stacked washer extractors and dryers
Stacked dryers

10 / 10 kg



Doubleddeck Washer

Capacity	(kg/batch)	10
Drum Volume	(lt)	100
Motor Power	(Kw)	1,5
Heating Power	(Kw)	6
Width	(mm)	825
Depth	(mm)	885
Height	(mm)	1.225
Weight	(kg)	350

Doubleddeck Dryer

Capacity (1/20)	(kg/batch)	10
Drum Volume	(lt)	200
Motor Power	(Kw)	0,37
Heating Power	(Kw)	14
Width	(mm)	825
Depth	(mm)	915
Height	(mm)	955
Weight	(kg)	140

MIRACLE HYGIENE

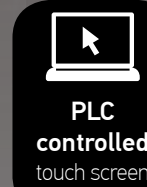
Hygienic barrier type washer extractors

60 - 135 kg



		Miracle Hygiene 60	Miracle Hygiene 135
Heating Type		Electric / Steam	Steam / Gas
Capacity	(kg/batch)	60	135
Drum Volume	(lt)	550	1.320
Motor Power	(Kw)	7,5	18,5
Gas Heat Power	(Kcal/h)	33.000	66.000
Width	(mm)	1.260	1.882
Depth	(mm)	1.890	2.475
Height	(mm)	1.765	2.206
Tilted Height	(mm)	-	2.456
Weight	(kg)	1.290	2.700

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



PLC
controlled
touch screen



400 G
EXTRACTION
FORCE
Vibration Free

**OPEN POCKET
SINGLE DRUM**

**POLYRIB ECODRUM
SYSTEM**

**%50 less water
chemicals
and heating energy**



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



300 G
EXTRACTION
FORCE

**FULLY
STAINLESS STEEL**

inner & outer drums, front,
sides and top covers

**%100 HEAVY INDUSTRIAL
CONSTRUCTION**

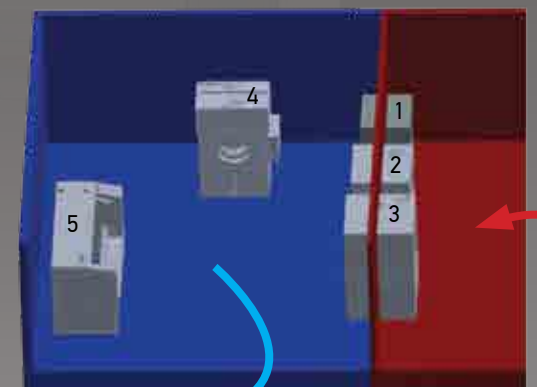
		Norma Hygiene 20	Norma Hygiene 40	Norma Hygiene 60	Norma Hygiene 90
Capacity	(kg/batch)	20	40	60	90
Drum Volume	(lt)	200	400	600	900
Motor Power	(Kw)	3	5,5	11	15
Heating Power	(Kw)	9	18	45	45
Width	(mm)	1165	1355	1405	1685
Depth	(mm)	1035	1225	1450	1450
Height	(mm)	1565	1775	1995	2060
Weight	(kg)	785	1190	1600	2200

* All specifications and features of Hydra Series will come along with TOLKAR NORMA HYGIENE as standard.

NORMA HYGIENE

Hygienic barrier type washer extractors

20 - 40 - 60 - 90 kg



Clean Laundry Room



Soiled
Laundry
Room

- 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

CARINA

Tumble dryers machines

CARINA

Tumble dryers machines



COPPER ALUMINUM SERPENTINES

Fast heating and cooling with easy maintenance
(for steam heated models)

HUMIDITY CONTROLLED DRYING

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

GAS HEATING
OPTION IN ALL MODELS

TOLKAR ULTIMATE CONTROL SYSTEM

- remote access recipe preparation, upload & download, recipe transfer to desired machines and software updates via remote access
- USB programme transfer
- 4,3" TFT COLORFUL SCREEN
- MANUEL CONTROL OPTION
- 15 programmes
- (i) reporting performance and maintenance reporting ability consumptions of steam, electricity along with productivity

BIDIRECTIONAL ROTATION

FORWARD TILTING FOR EASY UNLOADING
BACKWARDS TILTING FOR EASY LOADING-STANDART
(MODELS 2200-2700-4069-5070)
(OPTIONAL FOR MODEL 1500)

BACKWARDS TILTING
EASY LOADING & UNLOADING
(for 2700-4069-5070)
(Optional)

CARINA

Tumble dryers

201-305-400-450-600-605-800

CARINA

Tumble dryers

905-1200-1500

CARINA

Tumble dryers

2200-2700-4069-5070



		Carina 201	Carina 305	Carina 400	Carina 450	Carina 600	Carina 605	Carina 800*	Carina 905	Carina 1200
Heating Type		Electric	Elc. / Stm. / Gas	Electric	Elc. / Stm. / Gas	Electric	Elc. / Stm. / Gas	Electric	Elc. / Stm. / Gas	Elc. / Stm. / Gas
Capacity 1/20 - 1/15		10/14	15/20	20/27	22/30	30/40	30/40	40/53	45/60	60/80
Drum Volume	(lt)	201	305	400	450	600	605	800	905	1198
Drum Motor Power	(Kw)	0,37	0,75	0,75	0,75	0,75	0,75	1,5	1,5	3
Fan Motor Power	(Kw)	0,75	0,75	0,75	0,75	0,75	0,75 / 1,5 / 0,75	1,5	1,5 / 2,2 / 2,2	2,2
Electric Heating Power	(Kw)	14	14	14	18	21	21	42	42	42
Steam Consumption	(kg/h)	-	38	-	38	-	44	-	81	95
Gas Heat Power	(Kcal/h)	-	18.000	-	23.000	-	25.000	-	39.600	49.500
Air Flow	(m³/h)	1.300	1.300	1.300	1.300	1.300	1.500	3.900	3.900 / 4.500 / 4.500	4.500 / 6.400 / 6.400
Width	(mm)	825	970	970	970	1.040	1.040	1.040	1.610	1.610 / 1.640 / 1.610
Depth	(mm)	915	870	870	1100	1.215	1.215	1.650	1.440	1.700
Height	(mm)	955	1.750 / 1.750 / 1.910	1.750	1.750 / 1.750 / 1.910	1.775	1.775 / 1.860 / 1.910	1.860	2.060 / 2.250 / 2.346	2.060 / 2.250 / 2.346
Weight	(kg)	140	280	285	295	385	365	450	650	725

		Carina 1500	Carina 1500*	Carina 2200	Carina 2700	Carina 4069	Carina 5070
Heating Type		Elc. / Stm. / Gas	Elc./Steam / Gas	Steam / Gas	Steam / Gas	Steam / Gas	Steam / Gas
Capacity 1/20 - 1/15		75 / 100	75 / 100	110 / 145	135 / 180	200 / 270	250 / 340
Drum Volume	(lt)	1.492	1.492	2.200	2.700	4.069	5.070
Drum Motor Power	(Kw)	3	3	3	3	5,5	5,5
Fan Motor Power	(Kw)	2,2 / 3 / 3	3 / 3	4	2x3	4x3 / 2x3	4x3 / 2x3
Electric Heating Power		42	-	-	-	-	-
Steam Consumption	(kg/h)	110	110	160	270	400	500
Gas Heat Power	(Kcal/h)	57.000	57.000	82.500	99.000	148.500	173.250
Air Flow	(m³/h)	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)	1.610 / 1.640 / 1.610	1.640 / 1.610	1.900 / 1.860	1.950	2.240 / 2.205	2.500 / 2.470
Depth	(mm)	1.960	1.960	2.250	2.335	2.642	2.685
Height	(mm)	2.060 / 2.250 / 2.346	2.525 / 2.645	2.560 / 2.970	2.850 / 3.113	3.105 / 3.421	3.160 / 3.530
Tilted Height	(mm)		2.553 / 2.889	2.850 / 3.100	2.989 / 3.424	3.390 / 3.699	3.390 / 3.800
Weight	(kg)	900	1.100	1.500	2.300	3.280	3.910

* with forward tilting option



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

**GENUINE
NOMEX
BELTS**

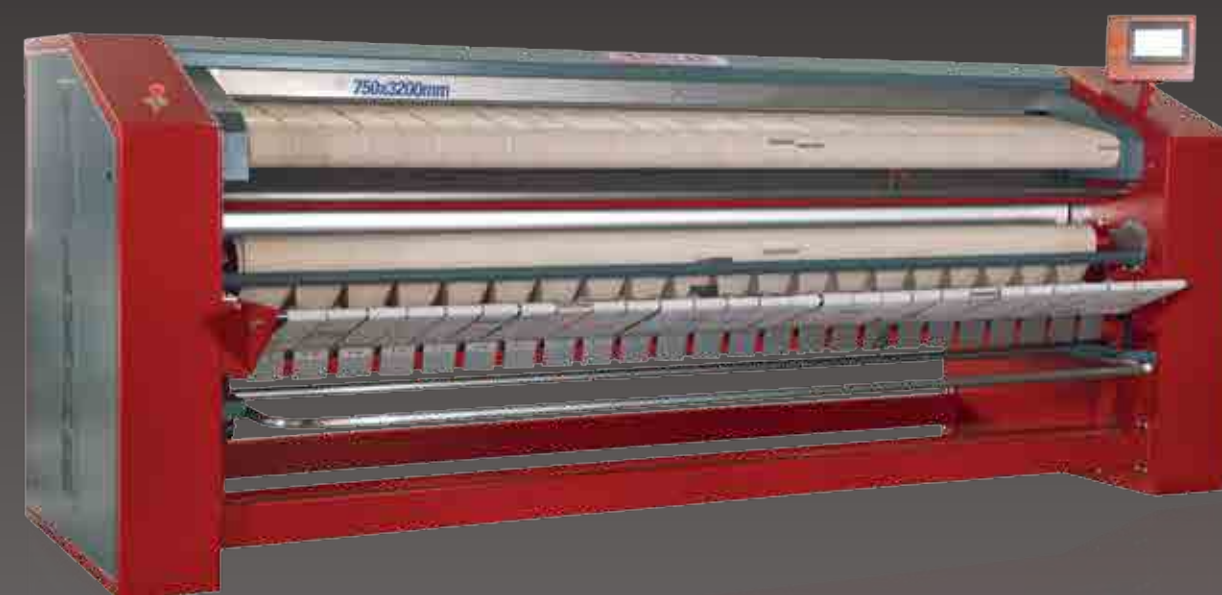


GAS HEATING
OPTION IN ALL MODELS

**ACCORDING TO TEXTILE TYPES
VELOCITY
CONTROLLED ROLLS**

**TOLKAR ULTIMATE
CONTROL SYSTEM**

- remote access** upload & download to desired machines and software updates via remote access
- USB** software and data transfer
- 4.3" TFT COLORFUL SCREEN**
- (i) reporting** performance and maintenance reporting ability consumptions of steam, electricity etc along with productivity (Optional)



**PLC
controlled
touch screen**
(Standard in Vela 7532)

**AUTOMATIC
TEXTILE
LENGHT
MEASUREMENT**
(Standard in Vela 7532)

**GENUINE
NOMEX
BELTS**

**STAINLESS
STEEL
MAIN ROLL**
(optional)

IN BUILT FOLDING
Vela 7532 model offer
2-8 primary folds between
30-50 cm length

VELA
Flatwork ironers

320-500-550-650 mm
Roll Diameter



		Vela 3218	Vela 5015	Vela 5515	Vela 5518	Vela 5520	Vela 5525	Vela 5530
Heating Type		Electric	Elc./Stm.	Gas	Elc./Stm./Gas	Elc./Stm./Gas	Elc./Stm./Gas	Elc./Stm./Gas
Cylinder Diameter	(mm)	320	500	550	550	550	550	550
Cylinder Width	(mm)	1.800	1.500	1.500	1.800	2.000	2.500	3.000
Ironing Capacity	(kg/h)	24	40 / 40	50	42 / 42 / 52	45 / 45 / 55	50 / 50 / 60	55 / 55 / 65
Working Speed	(m/min)	2-6	3,5 - 10,5	3,5 - 10,5	3,5 - 10,5	3,5 - 10,5	3,5 - 10,5	3,5 - 10,5
Motor Power	(Kw)	0,37	1,1	1,1	1,1	1,1	1,1	1,1
Fan Motor Power	(Kw)	0,37	0,37	0,37	0,37	0,37	0,37	0,37
Electric Heating	(Kw)	24	27	--	22,5	22,5	27	31,5
Steam Cons.	(kg/h)	--	35	--	40	45	50	55
Gas Heating Power	(Kcal/h)	--	--	22.280	23.700	26.350	28.900	31.570
Width	(mm)	2530	2.230 / 2.230	2.390	2.530 / 2.530 / 2.690	2.730 / 2.730 / 2.890	3.230 / 3.390 / 3.390	3.730 / 3.890 / 3.890
Depth	(mm)	905	1.150 / 1.200	1.200	1.150 / 1.200 / 1.200	1.150 / 1.200 / 1.200	1.150 / 1.200 / 1.200	1.150 / 1.200 / 1.200
Height	(mm)	990	1.355 / 1.355	1.675	1.355 / 1.355 / 1.675	1.355 / 1.355 / 1.675	1.355 / 1.355 / 1.675	1.355 / 1.355 / 1.675
Weight	(kg)	500	810	810	885	930	1.050	1.170

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

750-950-1200 mm
Roll Diameter



		Vela 6530	Vela 7520	Vela 7525	Vela 7530	Vela 7532	Vela 9530	Vela 12030
Heating Type		Elc./Stm./Gas	Elc./Stm./Gas	Elc./Stm./Gas	Elc./Stm./Gas	Electric/Steam	Elc/Steam/Gas	Elc/Steam/Gas
Cylinder Diameter	(mm)	650	750	750	750	750	950	1.200
Cylinder Width	(mm)	3.000	2.000	2.500	3.000	3.200	3.000	3.000
Ironing Capacity	(kg/h)	65 / 65 / 80	65 / 65 / 80	74 / 74 / 90	80 / 80 / 100	90 / 90	110 / 150	140 / 200
Working Speed	(m/min)	4-12	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+0,37	0,55 + 0,46	3 / 2x1,5	3 / 2x1,5
Fan Motor Power	(Kw)	0,37	0,37	0,37	2x0,37	0,37	3x0,37	3x0,37 / 4x0,37
Electric Heating	(Kw)	32	30	36	40	54	72	84
Steam Cons.	(kg/h)	65	65	70	75	80	100	150
Gas Heating Power	(Kcal/h)	28.000	26.350	31.570	35.100	41.250	66.000	82.500
Width	(mm)	3.835 / 3.925 / 3.925	2.835 / 2.995 / 2.995	3.335 / 3.425 / 3.425	3.835 / 3.925 / 3.925	4.050	4.110	4.110 / 4.150
Depth (Elc.)	(mm)	1.400 / 1.450 / 1.450	1.400 / 1.450 / 1.540	1.400 / 1.450 / 1.540	1.400 / 1.450 / 1.540	1.480	1.935	2.780
Height	(mm)	1.800 / 1.800 / 2.120	1.850 / 1.800 / 2.170	1.850 / 1.850 / 2.170	1.850 / 1.850 / 2.170	1.630	2.080	2.430
Weight	(kg)	1.570	1.475	1.600	1.725	1.920	2.525 / 2.325	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

VELA CHI
Chest heated ironers



ROLLS

Green
technology

GAS HEATING
OPTION IN ALL MODELS

HUMIDITY DISCHARGE
VIA INVERTER
CONTROLLED FANS
FROM INSIDE
THE ROLLS

ACCORDING TO TEXTILE TYPES
VELOCITY
CONTROLLED ROLLS



Direct
Drive with
Gear Box



PLC
controlled
touch screen
(optional)
(standard in
gas heated
models)

TOLKAR ULTIMATE
CONTROL SYSTEM

- **remote access** upload & download to desired machines and software updates via remote access
- **USB** software and data transfer
- **4.3" TFT COLORFUL SCREEN**
- **(i) reporting** performance and maintenance reporting ability consumptions of steam, electricity etc along with productivity (Optional)

HIGH PRESSURE
RESIST (12 bars)
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
Chest heated ironers

3000-3300-3500 mm
Roll Width



Gas heating system



Chest and drive system

		Vela chi 18030	Vela chi 28030	Vela chi 38030	Vela chi 18033	Vela chi 28033	Vela chi 38033	Vela chi 112030	Vela chi 212030	Vela chi 312030	Vela chi 112035	Vela chi 212035	Vela chi 312035
Heating Type		Elc./Stm./Gas	Elc./Stm./Gas	Steam/Gas	Steam/Gas	Steam/Gas	Steam/Gas	Elc./Stm./Gas	Steam/Gas	Steam/Gas	Steam/Gas	Steam/Gas	Steam/Gas
Number of Cylinder	(pcs)	1	2	3	1	2	3	1	2	3	1	2	3
Cylinder Diameter	(mm)	800	800	800	800	800	800	1.200	1.200	1.200	1.200	1.200	1.200
Cylinder Width	(mm)	3.000	3.000	3.000	3.300	3.300	3.300	3.000	3.000	3.000	3.500	3.500	3.500
Ironing Capacity	(kg/h)	120	300	550	135	330	600	250	550	900	300	650	1.050
Ironing Capacity	(pcs/h)	200	500	850	220	550	950	400	850	1.500	400	850	1.500
Working Speed	(m/min)	3-12	6-21	9-36	3-12	6-21	9-36	4-18	9-38	15-54	4-18	9-39	12-54
Motor Power	(Kw)	4	7,5	15	4	7,5	15	7,5	22	37	11	22	37
Fan Motor Power	(Kw)	0,75	1,1	1,5	7,5	1,1	1,5	1,5	2,2	2,2	2,2	2,2	3
Gas Heat Power	(Kcal/h)	66.825	123.750	195.525	66.825	123.750	195.525	106.425	200.475	297.000	125.400	247.500	374.550
Steam Cons.	(Kcal/h)	120	220	350	130	240	380	190	360	530	225	440	670
Width	(mm)	4.120	4.120	4.120	4.150	4.150	4.150	4.890	4.890	4.890	5.230	5.230	5.230
Depth	(mm)	1.700	3.080	4.460	1.700	3.080	4.460	2.400	4.050	5.260	3.760	4.050	5.260
Height	(mm)	1.590	1.590	1.590	1.590	1.590	1.590	2.450	2.450	2.450	2.000	2.000	2.000
Weight	(kg)	3.700	5.800	7.900	3.750	5.800	7.900	4.400	9.200	14.000	4.500	9.500	14.500

ViRGO

Linen folding

3000-3300-3500 mm
Width



PLC CONTROLLED
touch screen control panel

Automatic stacker and conveyor
for easy handling
double stacker&conveyor (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)

Virgo 3000		
Folding Capacity	(pcs/h)	1800
Working Speed	(m/min)	12-60 adjustable
Folding Dimensions	(cm)	40x40 - 300x300
Motor Power (total)	(Kw)	3
Primary / Cross Folding	(pcs)	2 primary / 3 cross
Width	(mm)	3.780 (5.145)
Depth	(mm)	3.220
Height	(mm)	1.750
Weight	(kg)	1.750 (2.050)



double lane folding



4 SPLIT INPUT CONVEYOR
with ability to fold up to
120 x 200 cm

PLC CONTROLLED
7" touch screen panel

ABILITY TO FOLD AND SPLIT
ALL TOWEL GROUPS
AUTOMATICALLY

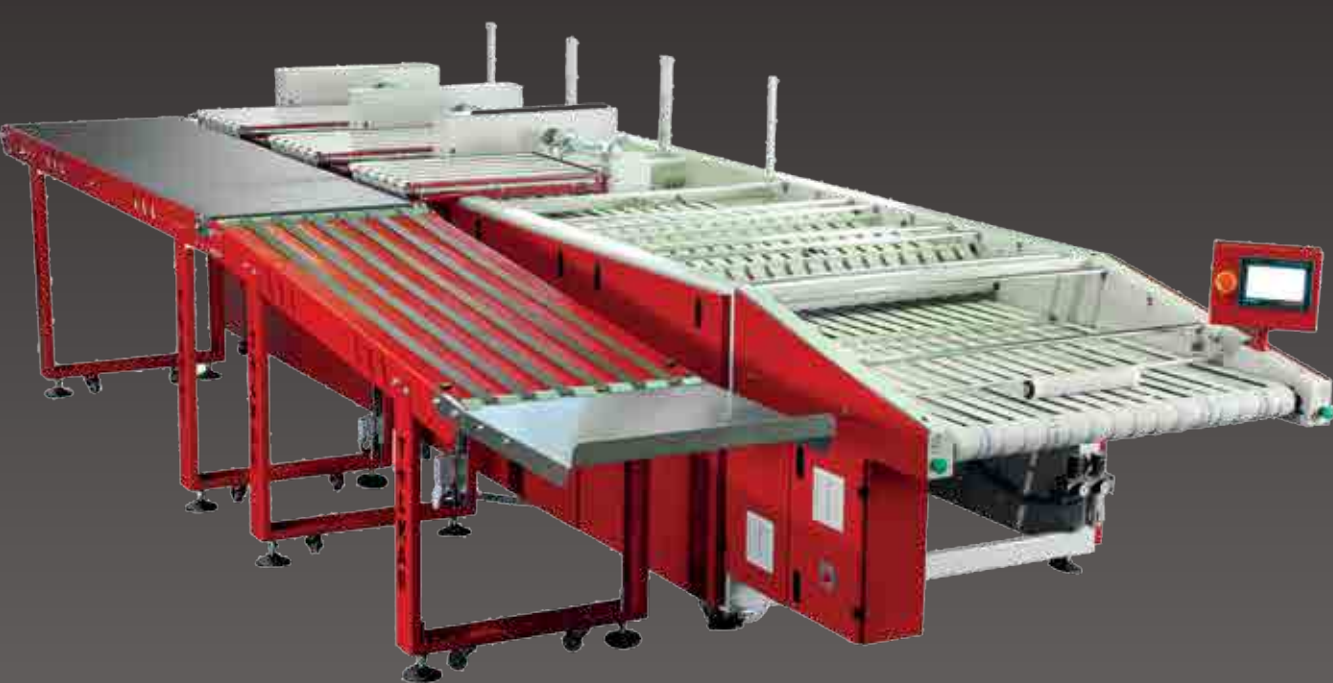
ACCURATE PRIMARY FOLDING WITH AIR BLAST

HEIGHT ADJUSTABLE
INPUT CONVEYOR AND
DOUBLE OUTPUT FLAP

Folding Capacity	(pcs/h)	800-1.250
Working Speed	(m/min)	64
Folding Dimensions	(cm)	40x40 - 120x200
Motor Power (total)	(Kw)	2
Primary / Cross Folding	(pcs)	2 primary / 2 cross
Width	(mm)	2.370
Depth	(mm)	3.554
Height	(mm)	1.360
Weight	(kg)	1.485



ViRGO MAXX 3
Towel Folding



with ability to fold up to
120 x 240 cm

PLC CONTROLLED
7" touch screen panel

ABILITY TO FOLD AND SPLIT
ALL TOWEL GROUPS
AUTOMATICALLY

3 SPLIT
INPUT CONVEYOR

Folding Capacity	(pcs/h)	800-1.000
Working Speed	(m/min)	30
Folding Dimensions	(cm)	40x40 - 120x240
Motor Power (total)	(Kw)	0.61
Primary / Cross Folding	(pcs)	2 Primary / 1 Cross
Width	(mm)	2350
Depth	(mm)	5650
Height	(mm)	1450

ViRGO MAXX 1
Towel Folding



with ability to fold up to
120 x 240 cm

PLC CONTROLLED
7" touch screen panel

ABILITY TO FOLD AND SPLIT
ALL TOWEL GROUPS
AUTOMATICALLY

1 SPLIT
INPUT CONVEYOR

Folding Capacity	(pcs/h)	700-900
Working Speed	(m/min)	30
Folding Dimensions	(cm)	40x40 - 120x240
Motor Power (total)	(Kw)	0.61
Primary / Cross Folding	(pcs)	2 Primary / 1 Cross
Width	(mm)	1550
Depth	(mm)	3940
Height	(mm)	1450

ViRGO

Towel Roller



Standart Features:

- Compact and easy usage
- 200-300 pcs/hour capacity
- Bottom Shelf (Optional)

Feeding Range	(mm)	650
Width	(mm)	935
Depth	(mm)	820
Height	(mm)	535
Weight	(kg)	140

ViRGO

Vacuum Feeder

3000-3300-3500 mm
width



Standart 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.

Feeder Weight	(mm)	3.000
Working Speed	(m/min)	6-36 adjustable
Motor Power (total)	(Kw)	0,55
Fan Motor Power	(Kw)	4 x 0,75
Width	(mm)	3.465
Depth	(mm)	1.155
Height	(mm)	1.350
Weight	(kg)	760

NEW
Dry Cleaning
Machine



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

AUXILIARY EQUIPMENTS



Besides manufacturing the washer extractors, tumble dryers, flatwork ironers, TOLKAR intends to supply auxiliary equipments such as steam air formers, PVC or stainless steel laundry carts, pressing machines, narrow type ironing tables with generators, dry cleaning machines, garment rack trolleys or spot cleaning tables, steam generators, laundry shelves, marking machines, garment conveyor systems, air compressors, sewing machines etc. in order to provide complete turn key project for their customers. All auxiliary equipments are subject to be supplied according to needs of our customers as dimensions, raw materials and/or specifications by TOLKAR.

Press Ironer			Paskala Ironer		TPU	TPUK
Voltage	(V)	380	Voltage	(V)	220	220
Steam Pressure	(bar)	4	Rezistance Power	(W)	1.500	6.700
Motor Power	(Kw)	0,55	Steam Pressure	(bar)	3	3
Width	(mm)	1.500	Motor Power	(Kw)	0,37	0,37
Depth	(mm)	1.200	Width	(mm)	1.380	1.380-350
Height	(mm)	1.330	Depth	(mm)	430	430-400
Weight	(kg)	390	Height	(mm)	920	920-110
			Weight	(kg)	70	71-17



in Turkey with
Tolkar assurance



Countries Exporting to

Afganistan	Greenland	Pakistan
Albania	Hungary	Phillippines
Algeria	India	Poland
Armenia	Indonesia	Portugal
Aruba	Iran	Qatar
Azerbaijan	Iraq	Romania
Bangladesh	Ireland	Russia
Belarus	Israel	Rwanda
Belgium	Italy	Saudi Arabia
Bosna Herz.	Jordan	Serbia
Bulgaria	Kazakhstan	Slovakia
China	Kenya	South Africa
Colombia	Korea	Spain
Croatia	Kosovo	Sri Lanka
Denmark	Kyrgyzstan	Sudan
Dominican Rep.	Lebanon	Sweden
Egypt	Libya	Syria
Egypt	Macedonia	Tanzania
England	Madagascar	Tunisia
Estonia	Maldives	Tunisia
Ethiopia	Mauritius	Turkmenistan
France	Mexico	UAE
Georgia	Morocco	Ukraine
Germany	Netherlands	USA
Ghana	Norway	Uzbekistan
Greece	Oman	Vietnam

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Some of Our Business Partners Contributed to Our Social Responsibility Project



We sincerely thank you for contributing to Aegen Forest Trust TOLKAR Memorial Forest and to the Nature by choosing our products...

TOLKAR®

Technological, Ecological, Economical Differences

SMARTEX®

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