



Technological, Ecological, Economical Differences

RISING STARS...





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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 İZMİR, 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 İZMİR 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 TRANSFERON, BIKO, COLMAC, SPEEDQUEEN, CHICAGO and RENZACCI. In 2008, after acquisition of SMARTEX and its "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 new 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.





High Speed Garment Dyeing Machines



Low Speed Garment Dyeing Machines



SMARTEX MIRACLE

High Speed Garment Dyeing Machines

120 - 135 - 150 - 225 - 340 - 500 kg

		Miracle GD 120	Miracle GD 135	Miracle GD 150	Miracle GD 225	Miracle GD 340	Miracle GD 500
Nominal Capacity	(kg)	120	135	150	225	340	500
Drum Volume	(lt)	1.125	1.320	1480	2.280	3.398	4.800
Drum Diameter	(mm)	1.070	1.140	1240	1.480	1.720	1.720
Drum Depth	(mm)	1.294	1.290	1.255	1.420	1.530	2.120
Washing Speed		Adjustable-Variable					
Max. Extraction	(rpm)	820	790	760	700	645	645
Max. G Force	(G)	400	400	400	400	400	400
Motor Power	(Kw)	18,5	18,5	22	30	18,5	22
Width	(mm)	1.530	1.585	1.750	1.915	2.175	2.200
Depth	(mm)	2.415	2.448	2.480	2.275	2.550	3.650
Height	(mm)	2.030	2.056	2.120	2.530	2.730	2.550
Height in Tilted Position	(mm)	2.370	2.456	2.461	2.845	3.110	3.650
Weight	(kg)	2.230	2.700	2.980	4.530	6.300	7.360



1:2-1:2,5
LIQUOR
RATIO
dry garments



POLYRIB ECO DRUM SYSTEM

%70 less water,
steam and waste water

%20 less dyes

%40 less
electric energy



SPIN DYE SYSTEM
High speed dyeing with Spin Dye Jet Spraying Technology Prevents all crease marks, abrasion and undesired mechanical effects.
Sustainable dyeing technology.



400 G
EXTRACTION
FORCE

%20
less drying
energy and
time



SMART
BALANCING

totally vibration
free extraction
eliminates the risk
of damages



TOLKAR ULTIMATE
CONTROL SYSTEM

remote access enables updates of parameters or versions, recipe preparation, upload/download, recipe transfer to desired machines

USB programme and parameter transfer between machines

100 recipes, 100 steps

reporting amount of dyed garments, consumption of water, electric, steam, loading and operating times (**Optional**)



PLC
Controlled
Touchscreen
panel



316 L INNER DRUM



PROFESSIONAL CHEMICAL/ DYE KITCHEN

3 large tanks, all with stirrer
Continuous level measurement
Progressive dosing Main tank
with indirect steam heating
Easy tank cleaning with filtering
system Manual interference



HEAT EXCHANGER

**Indirect
Steam
Heating**



AUTOMATIC WEIGHING SYSTEM

Automatic precision
of water, chemical
and steam intake
in accordance with
Automatic Weighing
System
(Optional)



AUTOMATIC LOADING DOOR

(Optional)



BACKWARDS TILTING

Easy and
automatic
loading

(Optional)



SCADA

System Controls
And Data
Acquisition
System

(Optional)

TOLKAR MENSA

Low Speed Garment Dyeing Machines

160 - 300 - 400 - 500 kg

		MENSA 1658	MENSA 3179	MENSA 3815	MENSA 4948
Nominal Capacity	(kg)	160	300	400	500
Drum Volume	(lt)	1.658	3.179	3.818	4.948
Drum Diameter	(mm)	1.300	1.800	1.800	1.880
Drum Depth	(mm)	1.250	1.250	1.500	1.790
Motor Power	(Kw)	7,5	15	15	22
Gear Box Direct Drive (Optional)	(Kw)	15	18,5	18,5	22
Width	(mm)	2.035	2.990	2.425	2.650
Depth	(mm)	2.845	2.830	3.285	3.805
Height	(mm)	2.365	2.600	2.990	2.660
Weight	(kg)	2.900	6.000	6.350	8.400



Belt-Pulley Drive System



DIRECT DRIVE SYSTEM

Eliminates the needs of belt-pulley systems
No V-belt adjustments needed

(Optional)



**150 RPM
PRE-EXTRACTION**

(Optional)



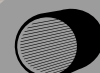
TOLKAR ULTIMATE CONTROL SYSTEM

remote access enables updates of parameters or versions, recipe preparation, upload/download, recipe transfer to desired machines

USB programme and parameter transfer between machines

100 recipes, 100 steps

reporting amount of dyed garments, consumption of water, electric, steam, loading and operating times **(Optional)**



**316 L
INNER
DRUM**



**PLC
Controlled
Touchscreen
panel**



HEAT EXCHANGER
Indirect
Steam
Heating



CHEMICAL/DYE KITCHEN WITH 2 TANKS
2 tanks, all with stirrer
Main tank with indirect heating
(3rd tank optional)

PIGMENT

PIGMENT
Pigment dyeing system
(Optional)



Y DRUM
3 ways divided drum
(Optional)



STAINLESS STEEL COVERING FOR ALL COLUMNS AND FRONT PLATE
(Optional)



AUTOMATIC WEIGHING SYSTEM
Automatic precision water, chemical and steam intake in accordance with Automatic Weighing System
(Optional)



AUTOMATIC LOADING DOOR
(Optional)



SCADA
System Controls And Data Acquisition System
(Optional)

High Speed Washer Extractors



**Low Speed
Washer Extractors**



Hydra

SMARTEX MIRACLE High Speed Washer Extractors

		Miracle 120	Miracle 135	Miracle 150	Miracle 225	Miracle 340	Miracle 500
Nominal Capacity	(kg)	120	135	150	225	340	500
Drum Volume	(lt)	1.125	1.320	1.480	2.280	3.398	4.800
Drum Diameter	(mm)	1.070	1.140	1.240	1.480	1.720	1.720
Drum Depth	(mm)	1.294	1.290	1.255	1.420	1.530	2.120
Washing Speed		Adjustable-Variable					
Max. Extraction	(rpm)	820	790	760	700	645	645
Max. G Force	(G)	400	400	400	400	400	400
Motor Power	(Kw)	18,5	18,5	22	30	18,5	22
Width	(mm)	1.530	1.585	1.750	1.915	2.175	2.200
Depth	(mm)	2.415	2.448	2.480	2.275	2.550	3.650
Height	(mm)	2.030	2.056	2.120	2.530	2.730	2.550
Height in Tilted Position	(mm)	2.370	2.456	2.461	2.845	3.110	3.650
Weight	(kg)	2.230	2.700	2.980	4.530	6.300	7.360



1:2,5-1:3
LIQUOR
RATIO
dry garments



POLYRIB ECO DRUM SYSTEM
%50 less water,
chemicals,
steam and waste water | **%40** less
electric energy



SPIN WASH SYSTEM

Washing with Spin wash Jet
Spraying Technology

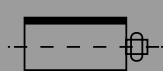
Prevents all crease marks,
abrasion and undesired
mechanical effects.

Sustainable washing
technology.



400 G
EXTRACTION
FORCE

%20
less drying
energy and
time



SMART
BALANCING

totally vibration
free extraction
eliminates the risk
of damages



TOLKAR ULTIMATE CONTROL SYSTEM

remote access enables updates of parameters or
versions, recipe preparation, upload/download, recipe
transfer to desired machines

USB programme and parameter transfer between machines

100 recipes, 100 steps

reporting amount of dyed garments, consumption of
water, electric, steam, loading and operating
times (**Optional**)



PLC
Controlled
Touchscreen
panel



316 L INNER DRUM



AUTOMATIC WEIGHING SYSTEM

Automatic precision
water, chemical
and steam intake
in accordance with
Automatic Weighing
System
(Optional)



AUTOMATIC LOADING DOOR

(Optional)



BACKWARDS TILTING

Easy and
automatic
loading

(Optional)



SCADA

System Controls
And Data
Acquisition
System

(Optional)

TOLKAR HYDRA

Low Speed Washer Extractors

160 - 300 - 400 - 500 kg

		HYDRA 1658	HYDRA 3179	HYDRA 3615	HYDRA 4948
Nominal Capacity	(kg)	160	300	400	500
Drum Volume	(lt)	1.658	3.179	3.818	4.948
Drum Diameter	(mm)	1.300	1.800	1.800	2.050
Drum Depth	(mm)	1.250	1.250	1.500	1.500
Motor Power	(Kw)	7,5	15	15	22
Gear Box direct drive (Optional)	(Kw)	15	18,5	18,5	22
Width	(mm)	2.035	2.990	2.425	2.650
Depth	(mm)	2.365	2.600	2.990	3.805
Height	(mm)	2.845	2.830	3.285	2.660
Weight	(kg)	2.900	6.000	6.750	8.400



**Belt-
Pulley
Drive
System**



**DIRECT DRIVE
SYSTEM**
Eliminates the
needs of belt-pulley
systems.
No V-belt
adjustments needed.
(Optional)



**150 RPM
PRE-
EXTRACTION
(Optional)**



**TOLKAR ULTIMATE
CONTROL SYSTEM**
remote access enables updates of parameters or
versions, recipe preparation, upload/download, recipe
transfer to desired machines
USB programme and parameter transfer between machines
100 recipes, 250 steps
reporting amount of dyed garments, consumption of
water, electric, steam, loading and operating
times (Optional)



**5 mm 304 L
INNER
DRUM
5 mm 316 T
Titanium
(optional)**



**PLC
Controlled
Touchscreen
panel**



3+3 mm INNER DRUM

Easy
replacement of
the protection
sheet
(Optional)



CHEMICAL/ DYE KITCHEN WITH SINGLE TANK

(1st 2nd and 3rd
tank optional)



**Stainless
Steel
Covering
for all
Columns
and Front
Plate
(Optional)**



AUTOMATIC WEIGHING SYSTEM

Automatic precision
water, chemical
and steam intake
in accordance with
Automatic Weighing
System
(Optional)



AUTOMATIC LOADING DOOR

(Optional)



SCADA System Controls And Data Acquisition System

(Optional)

Sample Dyeing & Washing Machines



SMARTEX®



miracle VOLKMAN

Mensa

Hydra

TOLKAR MIRACLE

Sample Dyeing Machines

4 - 10 - 12 - 20 - 25 - 30 - 40 - 50 - 60 kg

		Miracle GD 4	Miracle GD 10	Miracle GD 12	Miracle GD 20	Miracle GD 25	Miracle GD 30	Miracle GD 40	Miracle GD 50	Miracle GD 60
Nominal Capacity	(kg)	4	10	12	20	25	30	40	50	60
Drum Volume	(lt)	40	100	120	208	254	300	400	500	600
Drum Diameter	(mm)	420	610	610	762	762	762	915	915	1.092
Drum Depth	(mm)	300	345	410	460	550	662	610	760	642
Motor Power	(kw)	1,5	1,5	2,2	3	4	4	5,5	7,5	11
Width	(mm)	715	825	825	990	990	990	1.180	1.180	1.460
Depth	(mm)	980	860	970	1.030	1.155	1.300	1.345	1.525	1.590
Height	(mm)	1.060	1.190	1.190	1.450	1.450	1.450	1.780	1.780	2.000
Weight	(kg)	280	350	390	595	700	770	1.125	1.230	2.250



1:2-1:3
LIQUOR
RATIO
dry garments



POLYRIB ECO DRUM SYSTEM

%70 less water, chemicals, steam and waste water | **%20** less dyes | **%40** less electric energy



SPIN DYE SYSTEM

High speed dyeing with Spin Dye Jet Spraying Technology

Prevents all crease marks, abrasion and undesired mechanical effects.

Sustainable dyeing technology.



300 G
EXTRACTION
FORCE



TOLKAR ULTIMATE CONTROL SYSTEM

remote access enables updates of parameters or versions, recipe preparation, upload/download, recipe transfer to desired machines

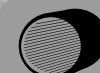
USB programme and parameter transfer between machines

100 recipes, 100 steps

reporting amount of dyed garments, consumption of water, electric, steam, loading and operating times (**Optional**)



PLC
Controlled
Touchscreen
Control
Panel



316 L
INNER
DRUM



HEAT EXCHANGER

Indirect
Steam
Heating



SOVEREIGN RECIPE ACCORDANCE

Sample recipe ---> Bulk Recipe
Direct recipe transfer from sample
to bulk machines without any
correction.



SINGLE CHEMICAL/DYE INLET (1st 2nd and 3rd tank optional)



Fully Stainless Steel Outer Structure



AUTOMATIC WEIGHING SYSTEM

Automatic precision
of water, chemical
and steam intake
in accordance with
Automatic Weighing
System
(Optional)



SCADA System Controls And Data Acquisition System (Optional)

TOLKAR MENSA

Sample Dyeing Machines

10 - 12 - 20 - 25 - 30 - 40 - 50 - 60k - 110 kg

		Mensa 10	Mensa 12	Mensa 20	Mensa 25	Mensa 30	Mensa 40	Mensa 50	Mensa 60	Mensa 110
Nominal Capacity	(kg)	10	12	20	25	30	40	50	60	110
Drum Volume	(lt)	100	120	208	254	300	400	500	600	1.100
Drum Diameter	(mm)	610	610	762	762	762	915	915	1.092	1.320
Drum Depth	(mm)	345	410	460	550	662	610	760	642	805
Motor Power	(kw)	1,5	2,2	3	4	4	5,5	7,5	11	22
Width	(mm)	825	825	990	990	990	1.180	1.180	1.460	1.720
Depth	(mm)	860	970	1.030	1.155	1.300	1.345	1.525	1.590	2.092
Height	(mm)	1.190	1.190	1.450	1.450	1.450	1.780	1.780	2.000	2.470
Weight	(kg)	350	390	595	700	770	1.125	1.230	2.250	4.600



TOLKAR ULTIMATE CONTROL SYSTEM

remote access enables updates of parameters or versions, recipe preparation, upload/download, recipe transfer to desired machines

USB programme and parameter transfer between machines

100 recipes

reporting amount of dyed garments, consumption of water, electric, steam, loading and operating times (**Optional**)



**300 G
EXTRACTION
FORCE**



**316 L
INNER
DRUM**



**HEAT
EXCHANGER**

Indirect
Steam
Heating



**Fully
Stainless
Steel
Outer
Structure**



**PLC
Controlled
Touchscreen
panel**



SOVEREIGN RECIPE ACCORDANCE

Sample recipe ----> Bulk Recipe
Direct recipe transfer from sample to bulk machines without any correction.



SINGLE CHEMICAL/DYE INLET (1st 2nd and 3rd tank optional)



AUTOMATIC WEIGHING SYSTEM (Optional)

Automatic precision of water, chemical and steam intake in accordance with Automatic Weighing System
(Optional)



SCADA System Controls And Data Acquisition System (Optional)

TOLKAR MIRACLE

Sample Washer Extractors

4 - 10 - 12 - 20 - 25 - 30 - 40 - 50 - 60 kg

		Miracle 4	Miracle 10	Miracle 12	Miracle 20	Miracle 25	Miracle 30	Miracle 40	Miracle 50	Miracle 60
Nominal Capacity	(kg)	4	10	12	20	25	30	40	50	60
Drum Volume	(lt)	40	100	120	208	254	300	400	500	600
Drum Diameter	(mm)	420	610	610	762	762	762	915	915	1.092
Drum Depth	(mm)	300	345	410	460	550	662	610	760	642
Motor Power	(kw)	1,5	1,5	2,2	3	4	4	5,5	7,5	11
Width	(mm)	715	825	825	990	990	990	1.180	1.180	1.460
Depth	(mm)	980	860	970	1.030	1.155	1.300	1.345	1.525	1.590
Height	(mm)	1.060	1.190	1.190	1.450	1.450	1.450	1.780	1.780	2.000
Weight	(kg)	280	350	390	595	700	770	1.125	1.230	2.250



1:2,5-1:3
**LIQUOR
RATIO**
dry garments



POLYRIB ECO DRUM SYSTEM
%50 less water,
chemicals,
steam and waste water | **%40** less
electric energy



SPIN WASH SYSTEM

Washing with Spin wash Jet
Spraying Technology

Prevents all crease marks,
abrasion and undesired mechanical
effects.

Sustainable washing technology.



**300 G
EXTRACTION
FORCE**



TOLKAR ULTIMATE CONTROL SYSTEM

remote access enables updates of parameters or
versions, recipe preparation, upload/download, recipe
transfer to desired machines

USB programme and parameter transfer between machines

100 recipes, 100 steps

reporting amount of dyed garments, consumption of
water, electric, steam, loading and operating
times (Optional)



**PLC
Controlled**
Touchscreen
panel



**SINGLE
MAIN
CHEMICAL
INLET
TANK**



**304
INNER
DRUM**



**Fully
Stainless
Steel Outer
Structure**



**316 L
INNER
DRUM
(Optional)**



**AUTOMATIC
WEIGHING
SYSTEM**
Automatic precision
water, chemical
and steam intake
in accordance with
Automatic Weighing
System
(Optional)



SCADA
System Controls
And Data
Acquisition
System
(Optional)

TOLKAR HYDRA

Sample Washer Extractors

10 - 12 - 20 - 25 - 30 - 40 - 50 - 60 - 110 kg

		Hydra 10	Hydra 12	Hydra 20	Hydra 25	Hydra 30	Hydra 40	Hydra 50	Hydra 60	Hydra 110
Nominal Capacity	(kg)	10	12	20	25	30	40	50	60	110
Drum Volume	(lt)	100	120	208	254	300	400	500	600	1.100
Drum Diameter	(mm)	610	610	762	762	762	915	915	1.092	1.320
Drum Depth	(mm)	345	410	460	550	662	610	760	642	805
Motor Power	(kw)	1,5	2,2	3	4	4	5,5	7,5	11	22
Width	(mm)	825	825	990	990	990	1.180	1.180	1.460	1.720
Depth	(mm)	860	970	1.030	1.155	1.300	1.345	1.525	1.590	2.092
Height	(mm)	1.190	1.190	1.450	1.450	1.450	1.780	1.780	2.000	2.470
Weight	(kg)	350	390	595	700	770	1.125	1.230	2.250	4.600



TOLKAR ULTIMATE CONTROL SYSTEM

remote access enables updates of parameters or versions, recipe preparation, upload/download, recipe transfer to desired machines

USB programme and parameter transfer between machines

100 recipes

reporting amount of dyed garments, consumption of water, electric, steam, loading and operating times (**Optional**)



**250 G
EXTRACTION
FORCE**



**5 mm 304
INNER
DRUM**



**316 T
Titanium
INNER
DRUM
(Optional)**



**PLC
Controlled
Touchscreen
panel**



**Fully
Stainless
Steel
Outer
Structure**



SOVEREIGN RECIPE ACCORDANCE

Sample recipe ---> Bulk Recipe
Direct recipe transfer from sample
to bulk machines without any
correction.



SINGLE MAIN CHEMICAL INLET TANK



AUTOMATIC WEIGHING SYSTEM

Automatic precision
of water, chemical
and steam intake
in accordance with
Automatic Weighing
System
(Optional)



SCADA

System Controls
And Data
Acquisition
System

(Optional)

TOLKAR CARINA Tumble Dryers



SMARTEX®



TOLKAR CARINA Tumble Dryers



TOLKAR ULTIMATE CONTROL SYSTEM

remote access enables updates of parameters or versions, recipe preparation, upload/download, recipe transfer to desired machines

USB programme and parameter transfer between machines

FULL COLORFULL 4,3" TFT SCREEN

MANUAL CONTROL

15 programmable recipes.

reporting amount of dyed garments, consumption of electric, steam, gas, loading and operating times (**Optional**)



COPPER ALUMINIUM SERPENTINES

Quick heating & easy
maintenance

(available with steam heated
machines)



HUMIDITY CONTROLLED DRYING



COOL DOWN Cooling System

Prevents wrinkles
and hardening



BIDIRECTIONAL ROTATION



**ALL MODELS WITH
GAS HEATING
OPTION**



**FORWARD
TILTING
FOR EASY
UNLOADING**

(Standard with models
2700 – 4069 – 5070)



**304
INNER DRUM
316 L
INNER DRUM
(Optional)**



**POLAR
SYSTEM**
Direct steam
spraying onto the
garments
(Optional)



**INVERTER
CONTROL
(Optional)**



**BACKWARDS
TILTING**
Easy and automatic
loading
(For models
2700 – 4069 – 5070)
(Optional)

TOLKAR CARINA Tumble Dryers

15 - 22 - 30 - 45 - 60 - 75 - 135 - 200 - 250 kg



	Carina 305	Carina 450	Carina 605	Carina 905	Carina 1200	Carina 1500	Carina 1500*
Heating Type	Elect. / Stm. / Gas	Elect. / Stm. / Gas	Elect. / Stm. / Gas	Elect. / Stm. / Gas	Elect. / Stm. / Gas	Elect. / Stm. / Gas	Stm. / Gas
Capacity 1/20 - 1/15	15/20	22/30	30/40	45/60	60/80	75/100	75/100
Drum Volume (lt)	305	450	605	905	1198	1492	1492
Drum Motor Power (Kw)	0,75	0,75	0,75	1,5	3	3	3
Fan Motor Power (Kw)	0,75	0,75	0,75 / 1,5 / 0,75	1,5 / 2,2 / 2,2	2,2	2,2 / 3 / 3	3 / 3
Electric Thermal Power (Kw)	14	18	21	42	42	42	-
Steam Consumption (kg/h)	38	38	44	81	95	110	110
Gas Thermal Power (Kcal/h)	18.000	23.000	25.000	33.000	37.125	44.550	44.550
Air Flow (m³/h)	1.300	13.00	1.500	3.900 / 4.500 / 4.500	4.500 / 6.400 / 6.400	4.500 / 6.400 / 6.400	6.400 / 6.400
Width (mm)	970	970	1.040	1.610	1.610 / 1.640 / 1.610	1.610 / 1.640 / 1.610	1.640 / 1.610
Depth (mm)	870	1100	1.215	1.440	1.700	1.960	1.960
Height (mm)	1.750 / 1.750 / 1.910	1.750 / 1.750 / 1.910	1.775 / 1.860 / 1.910	2.060 / 2.250 / 2.346	2.060 / 2.250 / 2.346	2.060 / 2.250 / 2.346	2.525 / 2.645
Height in Tilted Position (mm)	-	-	-	-	-	-	2.553 / 2.889
Weight (kg)	280	295	365	650	725	900	1.100

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

* For forward tilting option



	Carina 2200	Carina 2700	Carina 4069	Carina 5070
Heating Type	Steam / Gas	Steam / Gas	Steam / Gas	Steam / Gas
Capacity 1/20 - 1/15	110 / 145	135 / 180	200 / 270	250 / 340
Drum Volume (lt)	2.200	2.700	4.069	5.070
Drum Motor Power (Kw)	3	3	5,5	5,5
Fan Motor Power (Kw)	4	2x3	4x3 / 2x3	4x3 / 2x3
Steam Consumption (kg/h)	160	270	400	500
Gas Thermal Power (Kcal/h)	82.500	99.000	148.500	173.250
Air Flow (m³/h)	6.400 / 6.400	11.000	22.000 / 11.000	22.000 / 11.000
Width (mm)	1.900 / 1.860	1.950	2.240 / 2.205	2.500 / 2.470
Depth (mm)	2.250	2.335	2.642	2.685
Height (mm)	2.560 / 2.970	2.850 / 3.029	3.105 / 3.256	3.160 / 3.390
Height in Tilted Position (mm)	2.850 / 3.100	2.989 / 3.280	3.390 / 3.583	3.390 / 3.689
Weight (kg)	1.500	2.300	3.280	3.910

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

TOLKAR LIBRA
Hydro Extractors
12 - 100 kg

Sample Hydro Extractor

Libra 12

Capacity	(kg)	12
Drum Diameter	(mm)	450
Drum Depth	(mm)	400
Inner & Outer Drum		304 L Stainless Steel
Motor Power	(kw)	2,2
Main Body		Cast Iron
Legs		C 1040 Steel
Door		304 L Stainless Steel with Pneumatic Control
Control Panel		Door Switch Controlled Operation
Brake System		Manual Break Pedal
Extraction Speed	(rpm)	900
Water Drain	(inch)	1
Width	(mm)	1.350
Height	(mm)	825
Depth	(mm)	915
Weight	(mm)	170



C1040 Legs



Manual
Break
Pedal



Door
Switch
Controlled
Operation



304 L
Stainless
Steel



Hydro Extractor

Libra 100

Capacity	(kg)	100
Drum Diameter	(mm)	1.200
Drum Depth	(mm)	450
Inner & Outer Drum		304 L Stainless Steel
Motor Power	(kw)	15 HP - 11 kw
Main Body		Cast Iron
Legs		C 1040 Steel
Door		304 L Stainless Steel with Pneumatic Control
Control System		Door Switch Controlled Operation
Brake System		Manual Break Pedal
Extraction Speed	(rpm)	700
Water Drain	(inch)	2
Width	(mm)	2.075
Height	(mm)	1.125
Depth	(mm)	1.845
Weight	(mm)	1.200

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

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TOLKAR®

Technological, Ecological, Economical Differences

SMARTEX®

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