

# PRO|SERIES™

HIGH EXTRACTION  
HIGH EFFICIENCY  
HIGH PRODUCTIVITY



CAPACITY 30 lbs (12 kg)  
CYLINDER DIAMETER 23" (580 mm)  
CYLINDER DEPTH 17.75" (450 mm)  
CYLINDER VOLUME 4.2 cu ft (119 dm<sup>3</sup>)  
CRATED WEIGHT 739 lbs (335 kg)  
NET WEIGHT 683 lbs (310 kg)  
MACHINE HEIGHT 49.9" (1268 mm)  
MACHINE DEPTH 36.2" (920 mm)  
MACHINE WIDTH 29.8" (756 mm)  
DOOR OPENING 12.25" (311 mm)  
FLOOR TO DOOR 21.5" (545 mm)  
WASHING SPEED 47 rpm  
SPIN SPEEDS 82/500/650/800/1000 rpm  
G-FORCE 2.2/81/137/207/323  
DRAIN DIAMETER 2" (51 mm)  
WATER INLETS 3/4" (19 mm)  
STEAM CONNECTION 1/2" (12.7 mm)  
MOTOR POWER 1.0 kVA  
ELECTRIC HEATING POWER (OPTIONAL) 11.5 kVA  
SHIPPING DIMENSIONS WxDXH INCHES(MM) 30.6 x 37 x 53.9 (776 x 940 x 1370)

NO BOLT DOWN REQUIRED — REDUCED  
INSTALLATION COST & DOWN TIME

HIGH SPEED G-FORCE EXTRACTION — DRY  
TIME REDUCED; SIGNIFICANT UTILITY SAVINGS

G-DRIVE TECHNOLOGY — REDUCED  
ELECTRICAL DRAW; EASY MAINTENANCE

PREMIER MICROPROCESSOR (PM) CONTROL  
— PEAK EFFICIENCY AND PRODUCTIVITY

NO SUMP DESIGN — DECREASED  
WATER CONSUMPTION

QUALITY COMPONENTS — AISI-304  
STAINLESS; 5/3-YEAR WARRANTY

\* SPECIFICATIONS ARE SUBJECT  
TO CHANGE WITHOUT NOTICE.

**CONTINENTAL**  
GIABAU, INC.

## PROCUREMENT SPECIFICATIONS



Continental's superior frames are structurally reinforced allowing for longer machine life and high spin speed (top). Due to the suspension system (middle), less than 5% of the machine vibration during extract is transmitted to the floor. Therefore, no bolt down is required. All Pro-Series™ washer-extractors are equipped with the PM microprocessor (bottom), Continental's most advanced control.

**DRYWEIGHT CAPACITY:** Shall be a minimum of 30 lbs./cycle

**CYLINDER VOL./DOOR DIAMETER:** Shall be a minimum of 4.2 cu/ft. and door opening of at least 12.25-inches in diameter.

**CABINET/CYLINDER MATERIAL:** Shall be AISI Type 304 (Top/Front/Sides) and inner/outer cylinder.

**PROGRAMMABLE EXTRACTION:** High extract shall be a minimum of 323 G-Force with the ability to program any one of 5-extract speeds and "0" rotation at any time during the cycle.

**CYCLE SELECTION:** Unit shall provide a minimum of 79 laundry cycles with a minimum of 59 cycles that may be customized to adapt to specific linen processing requirements.

**PROGRAMMABLE CONTROLS:** Unit shall be equipped with a microprocessor control allowing adjustment of wash/rinse temperatures, water level up to a minimum of six (6) levels, three (3) pre-programmed rotation options plus "0" rotation and the ability to program any on/off rotation combination. The control shall also allow programming of up to twelve (12) minutes per phase, delay start control, display cycle progress through LED indicator located on control panel and shall allow management to limit operator programming through the use of a program access key and cycle lockout function.

**WATER TEMPERATURE CONTROL PROGRESSIVE COOL DOWN:** Unit shall permit operator to pre-set wash temperatures from 33°–194°F

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to adapt to specific linen treatment specifications and/or government sanitary regulations. Water inlet valve shall be thermostatically controlled. Steam or Electric auxiliary heat units shall be available to field retrofit at the user option at anytime. Unit shall be capable of a gradual reduction of water temperature from wash to rinse so to reduce fabric shock/wrinkles. Reduction shall be limited to no more than 7°F per minute until 113° is reached.

**NOISE & IN-LINE FILTERS:** Unit shall produce no more than 70 dB (Measured Equivalent Continuous) at the work station of the unit. The unit shall also have standard in-line circuit filters that reduce induced noise and radiating noise for output wiring. The unit shall also provide a standard in-line DC reactor for improving the input power-factor and reducing harmonics when the voltage imbalance exceeds 2%.

**AUTOMATIC CHEMICAL INJECTION CHEMICAL DISPENSER:** Unit shall provide five (5) built-in independent chemical injection connections for automatic dispensing of liquid chemicals with a minimum of five (5) independent activation signals. Additional chemical signals may be obtained through the addition of an optional chemical signal kit. For safety purposes all connection ports shall be mounted on the rear of the machine. Unit shall be equipped with a top mounted four (4) compartment pre-wash and wash detergent/bleach/softener dispenser.

**PROGRAM ACCELERATOR/VISUAL CYCLE INDICATOR:** Unit shall

allow operator to manually accelerate program to permit bypass of any program step. Accelerator control and visual cycle indicator shall be conveniently located on the microprocessor control and shall allow operator to monitor cycle progress/position.

**BEARING HOUSING:** Shall be of solid one (1) piece construction for optimum structural support with moisture wear bearing protection system.

**SUSPENSION SYSTEM:** Unit shall be equipped with an internal suspension system capable of absorbing up to 95% of transmitted load dynamic energy (vibration) and isolating it away from electrical components, major mechanical components (bearings, shaft, frame) and the floor. Unit shall be freestanding and not require bolt down or pin attachment to floor structure and should require no additional foundation from standard commercial construction for mounting. Dynamic load to floor shall not exceed 154-pounds with a frequency of 16.7 Hz.

**VOLTAGE/AMP REQUIREMENT:** 208-240/60/1 standard voltage with no more than 15-amp service requirement (20-amp @ 120/1)

**MACHINE WARRANTY:** Limited Warranty—3 Years on all machine parts. 5 Years—Mainframe, inner cylinder, including shaft and coupler, bearings and seals.

**APPROVALS/CERTIFICATION:** A minimum of CSA or ETL, ISO 9001 & 14001 Quality and Environmental Impact Standards.

\* Specifications are subject to change without notice.

For the most current technical specifications, architectural line drawings and chemical connection information, please visit our website at: [www.cont-girbau.com](http://www.cont-girbau.com).



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# PRO|SERIES™

HIGH EXTRACTION  
HIGH EFFICIENCY  
HIGH PRODUCTIVITY



CAPACITY 55 lbs (23 kg)  
CYLINDER DIAMETER 29.1" (740 mm)  
CYLINDER DEPTH 21" (530 mm)  
CYLINDER VOLUME 8.2 cu ft (228 dm<sup>3</sup>)  
CRATED WEIGHT 1825 lbs (828 kg)  
NET WEIGHT 1607 lbs (729 kg)  
MACHINE HEIGHT 55.9" (1420 mm)  
MACHINE DEPTH 47.2" (1200 mm)  
MACHINE WIDTH 39.4" (1000 mm)  
DOOR OPENING 15.75" (400 mm)  
FLOOR TO DOOR 26.2" (665 mm)  
WASHING SPEEDS 14/25/35/46 rpm\*\*  
SPIN SPEEDS (1 PHASE) 83/400/530/660/800 rpm  
SPIN SPEEDS (3 PHASE) 83/400/600/800/917 rpm  
G-FORCE (1 PHASE) 2.8/66/116/180/265  
G-FORCE (3 PHASE) 2.8/66/149/264/380  
DRAIN DIAMETER 3" (76 mm)  
WATER INLETS 3/4" (19 mm)  
STEAM CONNECTION 1/2" (12.7 mm)  
MOTOR POWER 1.8 kVA  
ELECTRIC HEATING POWER (OPTIONAL) 20.8 kVA  
SHIPPING DIMENSIONS WxDxH INCHES(MM) 44.5 x 51.2 x 61.4 (1130 x 1300 x 1560)

\* SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.  
\*\* NOMINAL AVERAGES

NO BOLT DOWN REQUIRED — REDUCED INSTALLATION COST & DOWN TIME

PREMIER MICROPROCESSOR (PM) CONTROL — PEAK EFFICIENCY AND PRODUCTIVITY

HIGH SPEED G-FORCE EXTRACTION — DRY TIME REDUCED; SIGNIFICANT UTILITY SAVINGS

NO SUMP DESIGN — DECREASED WATER CONSUMPTION

G-DRIVE TECHNOLOGY — REDUCED ELECTRICAL DRAW; EASY MAINTENANCE

QUALITY COMPONENTS — AISI-304 STAINLESS; 5/3-YEAR WARRANTY

## PROCUREMENT SPECIFICATIONS



Continental's superior frames are structurally reinforced allowing for longer machine life and high spin speed (top). Due to the suspension system (middle), less than 5% of the machine vibration during extract is transmitted to the floor. Therefore, no bolt down is required. All Pro-Series™ washer-extractors are equipped with the PM microprocessor (bottom), Continental's most advanced control.

**DRYWEIGHT CAPACITY:** Shall be a minimum of 55 lbs./cycle

**CYLINDER VOL./DOOR DIAMETER:** Shall be a minimum of 8.2 cu/ft. and door opening of at least 15.75-inches in diameter.

**CABINET / CYLINDER MATERIAL:** Shall be AISI Type 304 (Top/Front/Sides) and inner/outer cylinder.

**PROGRAMMABLE WASH:** High wash speed shall be a minimum of 46 rpm with the ability to program any one of 4-wash speeds ranging from 14 to 46 rpms.

**PROGRAMMABLE EXTRACTION:** High extract shall be a minimum of 380 G-force with the ability to program any one of 5-extract speeds and "0" rotation at any time during the cycle.

**CYCLE SELECTION:** Unit shall provide a minimum of 79 laundry cycles with a minimum of 59 cycles that may be customized to adapt to specific linen processing requirements.

**PROGRAMMABLE CONTROLS:** Unit shall be equipped with a microprocessor control allowing adjustment of wash/rinse temperatures, water level up to a minimum of six (6) levels, three (3) pre-programmed rotation options plus "0" rotation and the ability to program any on/off rotation combination. The control shall also allow programming of up to twelve (12) minutes per phase, delay start control, display cycle progress through LED indicator located on control panel and shall allow management to limit operator programming through the use of a program access key and cycle lockout function.

**WATER TEMPERATURE CONTROL PROGRESSIVE COOL DOWN:** Unit shall permit operator to pre-set wash temperatures from 33°–194°F to adapt to specific linen treatment

specifications and/or government sanitary regulations. Water inlet valve shall be thermostatically controlled. Steam or Electric auxiliary heat units shall be available to field retrofit at the user option at anytime. Unit shall be capable of a gradual reduction of water temperature from wash to rinse so to reduce fabric shock/wrinkles. Reduction shall be limited to no more than 7°F per minute until 113° is reached.

**NOISE & IN-LINE FILTERS:** Unit shall produce no more than 70 dB (Measured Equivalent Continuous) at the work station of the unit. The unit shall also have standard in-line circuit filters that reduce induced noise and radiating noise for output wiring. The unit shall also provide a standard in-line DC reactor for improving the input power-factor and reducing harmonics when the voltage imbalance exceeds 2%.

**WATER RE-USE SYSTEM (Option):** Unit shall provide all control function and ability to allow a field added water reclamation system capable of reclaiming rinse water for use in subsequent wash, pre-wash and initial rinse phases.

**AUTOMATIC CHEMICAL INJECTION CHEMICAL DISPENSER:** Unit shall provide five (5) built-in independent chemical injection connections for automatic dispensing of liquid chemicals with a minimum of five (5) independent activation signals. Additional chemical signals may be obtained through the addition of an optional chemical signal kit. For safety purposes all connection ports shall be mounted on the rear of the machine. Unit shall be equipped with a top mounted four (4) compartment pre-wash and wash detergent/bleach/softener dispenser.

**PROGRAM ACCELERATOR/VISUAL CYCLE INDICATOR:** Unit shall allow operator to manually accelerate program to permit bypass of any program step. Accelerator control and visual cycle indicator shall be located on the microprocessor control and shall allow operator to monitor cycle progress/position.

**BEARING HOUSING:** Shall be of solid one (1) piece construction for optimum structural support with moisture wear bearing protection system.

**SUSPENSION SYSTEM:** Unit shall be equipped with an internal suspension system capable of absorbing up to 95% of transmitted load dynamic energy (vibration) and isolating it away from electrical components, major mechanical components (bearings, shaft, frame) and the floor. Unit shall be freestanding and not require bolt down or pin attachment to floor structure and should require no additional foundation from standard commercial construction for mounting. Dynamic load to floor shall not exceed 265-pounds with a frequency of 16 Hz.

**VOLTAGE/AMP REQUIREMENT:** 15-amp service requirement for 208-240/60/1, 10-amp service requirement for 208-240/60/3, and 6-amp requirement for 440-480.

**MACHINE WARRANTY:** Limited Warranty—3 Years on all machine parts. 5 Years—Mainframe, inner cylinder, including shaft and coupler, bearings and seals.

**APPROVALS / CERTIFICATION:** A minimum of CSA or ETL, ISO 9001 & 14001 Quality and Environmental Impact Standards.

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# PRO | SERIES™

HIGH EXTRACTION  
HIGH EFFICIENCY  
HIGH PRODUCTIVITY



CAPACITY  
90 lbs (40 kg)

CYLINDER DIAMETER  
35.5" (902 mm)

CYLINDER DEPTH  
24.75" (628 mm)

CYLINDER VOLUME  
14.1 cu ft (400 dm<sup>3</sup>)

CRATED WEIGHT  
3362 lbs. (1525 kg)

NET WEIGHT  
3023 lbs. (1371 kg)

MACHINE HEIGHT  
66.9" (1700 mm)

MACHINE DEPTH  
55.4" (1407 mm)

MACHINE WIDTH  
53.9" (1370 mm)

DOOR OPENING  
22" (559 mm)

FLOOR TO DOOR  
29.9" (760 mm)

WASHING SPEEDS  
15/24/33/41 rpm\*\*

SPIN SPEEDS  
68/431/575/725/870 rpm

G-FORCE  
2.3/93/166/264/380

DRAIN DIAMETER  
3" (76 mm)

WATER INLETS  
1" (25.4 mm)

STEAM CONNECTION  
3/4" (19 mm)

MOTOR POWER  
4.8 kVA

ELECTRIC HEATING  
POWER (OPTIONAL)  
25.7 kVA

SHIPPING DIMENSIONS  
WxDXH INCHES(MM)  
59.8 x 58.7 x 77.2  
(1520 x 1490 x 1960)

NO BOLT DOWN REQUIRED — REDUCED  
INSTALLATION COST & DOWN TIME

PM MICRO CONTROL — PEAK EFFICIENCY  
AND PRODUCTIVITY

HIGH SPEED G-FORCE EXTRACTION — DRY  
TIME REDUCED; SIGNIFICANT UTILITY SAVINGS

NO SUMP DESIGN — DECREASED  
WATER CONSUMPTION

G-DRIVE TECHNOLOGY — REDUCED  
ELECTRICAL DRAW; EASY MAINTENANCE

QUALITY COMPONENTS — AISI-304  
STAINLESS; 5/3-YEAR WARRANTY

\* SPECIFICATIONS ARE SUBJECT  
TO CHANGE WITHOUT NOTICE.

\*\* NOMINAL AVERAGES

## PROCUREMENT SPECIFICATIONS



Continental's superior frames are structurally reinforced allowing for longer machine life and high spin speed (top). Due to the suspension system (middle), less than 5% of the machine vibration during extract is transmitted to the floor. Therefore, no bolt down is required. All Pro-Series™ washer-extractors are equipped with the PM microprocessor (bottom), Continental's most advanced control.

**DRYWEIGHT CAPACITY:** Shall be a minimum of 90 lbs./cycle

**CYLINDER VOL./DOOR DIAMETER:** Shall be a minimum of 14.1 cu/ft. and door opening of at least 22-inches in diameter.

**CABINET/CYLINDER MATERIAL:** Shall be AISI Type 304 (Top/Front/Sides) and inner/outer cylinder.

**PROGRAMMABLE WASH:** High wash speed shall be a minimum of 41 rpm with the ability to program any one of 4-wash speeds ranging from 15 to 41 rpms.

**PROGRAMMABLE EXTRACTION:** High extract shall be a minimum of 382 G-Force with the ability to program any one of 5-extract speeds and "0" rotation at any time during the cycle.

**CYCLE SELECTION:** Unit shall provide a minimum of 79 laundry cycles with a minimum of 59 cycles that may be customized to adapt to specific linen processing requirements.

**PROGRAMMABLE CONTROLS:** Unit shall be equipped with a microprocessor control allowing adjustment of wash/rinse temperatures, water level up to a minimum of six (6) levels, three (3) pre-programmed rotation options plus "0" rotation and the ability to program any on/off rotation combination. The control shall also allow programming of up to twelve (12) minutes per phase, delay start control, display cycle progress through LED indicator located on control panel and shall allow management to limit operator programming through the use of a program access key and cycle lockout function.

**WATER TEMPERATURE CONTROL PROGRESSIVE COOL DOWN:**

Unit shall permit operator to pre-set wash temperatures from 33°–194°F

to adapt to specific linen treatment specifications and/or government sanitary regulations. Water inlet valve shall be thermostatically controlled. Steam or Electric auxiliary heat units shall be available to field retrofit at the user option at anytime. Unit shall be capable of a gradual reduction of water temperature from wash to rinse so to reduce fabric shock/wrinkles. Reduction shall be limited to no more than 7°F per minute until 113° is reached.

**NOISE & IN-LINE FILTERS:** Unit shall produce no more than 70 dB (Measured Equivalent Continuous) at the work station of the unit. The unit shall also have standard in-line circuit filters that reduce induced noise and radiating noise for output wiring. The unit shall also provide a standard in-line DC reactor for improving the input power-factor and reducing harmonics when the voltage imbalance exceeds 2%.

**WATER RE-USE SYSTEM (Option):** Unit shall provide all control function and ability to allow a field added water reclamation system capable of reclaiming rinse water for use in subsequent wash, pre-wash and initial rinse phases.

**AUTOMATIC CHEMICAL INJECTION CHEMICAL DISPENSER:**

Unit shall provide five (5) independent chemical injection connections for automatic dispensing of liquid chemicals with a minimum of five (5) independent activation signals. Additional chemical signals may be obtained through the addition of an optional chemical signal kit. For safety purposes all connection ports shall be mounted on the rear of the machine. Unit shall be equipped with a side mounted dispenser containing

four (4) independently controlled dispensing compartments.

**PROGRAM ACCELERATOR/ VISUAL CYCLE INDICATOR:** Unit shall allow operator to manually accelerate program to permit bypass of any program step. Accelerator control and visual cycle indicator shall be located on the microprocessor control and shall allow operator to monitor cycle progress/ position.

**BEARING HOUSING:** Shall be of solid one (1) piece construction for optimum structural support.

**SUSPENSION SYSTEM:** Unit shall be equipped with an internal suspension system (four springs and ten shocks) capable of absorbing up to 95% of transmitted load dynamic energy (vibration) and isolating it away from electrical components, major mechanical components (bearings, shaft, frame) and the floor. Unit shall be freestanding and not require bolt down or pin attachment to floor structure and should require no additional foundation from standard commercial construction for mounting. Dynamic load to floor shall not exceed 536-pounds with a 14.5 Hz frequency.

**VOLTAGE/AMP REQUIREMENT:** 208-240/60/3 standard voltage with no more than 15 amp service requirement (10-amp@440-480)

**MACHINE WARRANTY:** Limited Warranty—3 Years on all machine parts. 5 Years—Mainframe, inner cylinder, including shaft and coupler, bearings and seals.

**APPROVALS / CERTIFICATION:** A minimum of CSA or ETL, ISO 9001 & 14001 Quality and environmental impact standards.

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# PRO|SERIES™

HIGH EXTRACTION  
HIGH EFFICIENCY  
HIGH PRODUCTIVITY



\* Stationary model shown above. Tilt model is also available.

**CAPACITY** 130 lbs (59 kg)  
**CYLINDER DIAMETER** 42.5" (1080 mm)  
**CYLINDER DEPTH** 24.4" (621 mm)  
**CYLINDER VOLUME** 20.1 cu ft (569 dm<sup>3</sup>)  
**CRATED WEIGHT**  
 Stat: 4575 lbs (2075 kg)  
 Tilt: 5514 lbs (2501 kg)  
**NET WEIGHT**  
 Stat: 3979 lbs (1805 kg)  
 Tilt: 4888 lbs (2217 kg)  
**MACHINE HEIGHT**  
 Stat: 74.8" (1900 mm)  
 Tilt: 82.4" (2092 mm)  
**MACHINE DEPTH**  
 Stat: 57.1" (1450 mm)  
 Tilt: 63.5" (1614 mm)  
**MACHINE WIDTH**  
 Stat: 61" (1550 mm)  
 Tilt: 64.5" (1639 mm)  
**DOOR OPENING** 22" (559 mm)  
**FLOOR TO DOOR**  
 Stat: 35.7" (908 mm)  
 Tilt: 43.3" (1100 mm)  
**WASHING SPEED** 35 rpm  
**SPIN SPEED** 60.5/400/550/700/800 rpm  
**G-FORCE** 2.2/97/183/296/387  
**DRAIN DIAMETER** 3" (76 mm)  
**WATER INLETS (2)** 1" (25.4 mm)  
**STEAM CONNECTION** 3/4" (19 mm)  
**COMPRESSED AIR CONNECTION (TILT ONLY)** 3/8" (10 mm)  
**MOTOR POWER** 7.3 kVA  
**ELECTRIC HEATING POWER (OPTIONAL)** 40 kVA  
**SHIPPING DIMENSIONS WxDXH INCHES(MM)**  
 66.5 x 62.6 x 85  
 (1690 x 1590 x 2160)

NO BOLT DOWN REQUIRED — REDUCED  
INSTALLATION COST & DOWN TIME

HIGH SPEED G-FORCE EXTRACTION — DRY  
TIME REDUCED; SIGNIFICANT UTILITY SAVINGS

G-DRIVE TECHNOLOGY — REDUCED  
ELECTRICAL DRAW; EASY MAINTENANCE

PM MICRO CONTROL — PEAK EFFICIENCY  
AND PRODUCTIVITY

NO SUMP DESIGN — DECREASED  
WATER CONSUMPTION

QUALITY COMPONENTS — AISI-304  
STAINLESS; 5/3-YEAR WARRANTY

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TO CHANGE WITHOUT NOTICE.

## PROCUREMENT SPECIFICATIONS



Continental's superior frame is structurally reinforced allowing for longer machine life and high spin speed (top). Due to the suspension system (upper-middle), less than 3% of the machine vibration during extract is transmitted to the floor. Therefore, no bolt down is required. The H2130 is available in Stationary model (shown on front) and Tilt model (pictured above). All Pro-Series™ washer-extractors are equipped with the PM microprocessor (bottom), Continental's most advanced control.

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**DRYWEIGHT CAPACITY:** Shall be a minimum of 130 lbs./cycle

**CYLINDER VOL./DOOR DIAMETER:** Shall be a minimum of 20.1 cu/ft. and door opening of at least 22-inches in diameter.

**CABINET/CYLINDER MATERIAL:** Shall be AISI Type 304 (Top/Front/Sides) and inner/outer cylinder.

**PROGRAMMABLE EXTRACTION:** High extract shall be a minimum of 387 G-Force with the ability to program any one of 5-extract speeds and "0" rotation at any time during the cycle.

**TILT SYSTEM (Option):** Unit shall provide an air operated two-way tilt system controlled from an integrated activation system mounted on the unit. The forward/back tilt should also allow the cylinder to rotate in a forward and reverse action to assist in loading and unloading. "Two hand" activation of the function is required. Also requires 101 PSI compressed air.

**CYCLE SELECTION:** Unit shall provide a minimum of 79 laundry cycles with a minimum of 59 cycles that may be customized to adapt to specific linen processing requirements.

**PROGRAMMABLE CONTROLS:** Unit shall be equipped with a microprocessor control allowing adjustment of wash/rinse temperatures, water level up to a minimum of six (6) levels, three (3) pre-programmed rotation options plus "0" rotation and the ability to program any on/off rotation combination. The control shall also allow programming of up to twelve (12) minutes per phase, delay start control, display cycle progress through LED indicator located on control panel and shall allow management to limit operator programming through the

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use of a program access key and cycle lockout function.

**WATER TEMPERATURE CONTROL/ PROGRESSIVE COOL DOWN:**

Unit shall permit operator to pre-set wash temperatures from 33°–194°F to adapt to specific linen treatment specifications and/or government sanitary regulations. Water inlet valve shall be thermostatically controlled. Steam or Electric auxiliary heat units shall be available to field retrofit at the user option at anytime. Unit shall be capable of a gradual reduction of water temperature from wash to rinse so to reduce fabric shock/wrinkles. Reduction shall be limited to no more than 7°F per minute from 194° to 130° F.

**NOISE & IN-LINE FILTERS:** Unit shall produce no more than 70 dB (Measured Equivalent Continuous) at the work station of the unit. The unit shall also have standard in-line circuit filters that reduce induced noise and radiating noise for output wiring. The unit shall also provide a standard in-line DC reactor for improving the input power-factor and reducing harmonics when the voltage imbalance exceeds 2%.

**WATER RE-USE SYSTEM (Option):**

Unit shall provide all control function and ability to allow a field added water reclamation system capable of reclaiming rinse water for use in subsequent wash, pre-wash and initial rinse phases.

**AUTOMATIC CHEMICAL INJECTION CHEMICAL DISPENSER:**

Unit shall provide five (5) independent chemical injection connections for automatic dispensing of liquid chemicals with a minimum of five (5) independent activation signals. For safety purposes all connection

ports shall be mounted on the rear of the machine. Unit shall be equipped with a side mounted dispenser containing five (5) independently controlled dispensing compartments.

**PROGRAM ACCELERATOR/ VISUAL CYCLE INDICATOR:**

Unit shall allow operator to manually accelerate program to permit bypass of any program step. Accelerator control and visual cycle indicator shall be conveniently located on the microprocessor control and shall allow operator to monitor cycle progress/position.

**BEARING HOUSING:** Shall be of solid one (1) piece construction for optimum structural support.

**SUSPENSION SYSTEM:** Unit shall be equipped with an internal suspension system capable of absorbing up to 95% of transmitted load dynamic energy (vibration) and isolating it away from electrical components, major mechanical components (bearings, shaft, frame) and the floor. Unit shall be freestanding and not require bolt down or pin attachment to floor structure and should require no additional foundation from standard commercial construction for mounting. Dynamic load to floor shall not exceed 661 pounds with a frequency of 13.5 Hz.

**VOLTAGE/AMP REQUIREMENT:** 208-240/60/3 standard voltage with no more than 30-amp service requirement (15-amp@440-480)

**MACHINE WARRANTY:** Limited Warranty—3 Years on all machine parts. 5 Years—Mainframe, inner cylinder, including shaft coupler, bearings and seals.

**APPROVALS/CERTIFICATION:** A minimum of CSA or ETL, ISO 9001 & 14001 Quality and Environmental Impact Standards.



# PRO|SERIES™

HIGH EXTRACTION  
HIGH EFFICIENCY  
HIGH PRODUCTIVITY



\* Tilt model shown above. Stationary model is also available.

NO BOLT DOWN REQUIRED (STAT ONLY) —  
REDUCED INSTALLATION COST & DOWN TIME

HIGH SPEED G-FORCE EXTRACTION — DRY  
TIME REDUCED; SIGNIFICANT UTILITY SAVINGS

G-DRIVE TECHNOLOGY — REDUCED  
ELECTRICAL DRAW; EASY MAINTENANCE

PM MICRO CONTROL — PEAK EFFICIENCY  
AND PRODUCTIVITY

NO SUMP DESIGN — DECREASED  
WATER CONSUMPTION

QUALITY COMPONENTS — AISI-304  
STAINLESS; 5/3-YEAR WARRANTY

CAPACITY	255 lbs (110 kg)
CYLINDER DIAMETER	51.5" (1310 mm)
CYLINDER DEPTH	32" (816 mm)
CYLINDER VOLUME	38.9 cu ft (1100 dm <sup>3</sup> )
CRATED WEIGHT	Stat: 9654 lbs (4379 kg) Tilt: 10787 lbs (4893 kg)
NET WEIGHT	Stat: 8840 lbs (4010 kg) Tilt: 9766 lbs (4430 kg)
MACHINE HEIGHT	Stat: 80.9" (2055 mm) Tilt: 88.3" (2243 mm)
MACHINE DEPTH	Stat: 74.8" (1900 mm) Tilt: 80.6" (2048 mm)
MACHINE WIDTH	Stat: 69.7" (1770 mm) Tilt: 72" (1830 mm)
DOOR OPENING	27" (686 mm)
FLOOR TO DOOR	Stat: 35.8" (909 mm) Tilt: 43.2" (1097 mm)
WASHING SPEED	11-31 rpm
SPIN SPEEDS	50/360/480/610/720 rpm
G-FORCE	1.8/95/169/273/380
DRAIN DIAMETER	5" (127 mm)
WATER INLETS	2" (51 mm)
STEAM CONNECTION	1" (25.4 mm)
COMPRESSED AIR CONNECTION	3/8" (10 mm)
MOTOR POWER	11 kVA
SHIPPING DIMENSIONS WxDxH INCHES(MM)	78.3 x 82.7 x 87.8 (1990 x 2100 x 2230)

\* SPECIFICATIONS ARE SUBJECT  
TO CHANGE WITHOUT NOTICE.

## PROCUREMENT SPECIFICATIONS



Continental's superior frame is structurally reinforced allowing for longer machine life and high spin speed (top). Due to the suspension system (upper-middle), less than 5% of the machine vibration during extract is transmitted to the floor. Therefore, no bolt down is required (Stat only). The H2255 is available in Tilt model (shown on front) and Stationary model (pictured above). All Pro-Series™ washer-extractors are equipped with the PM microprocessor (bottom), Continental's most advanced control.

**DRYWEIGHT CAPACITY:** Shall be a minimum of 255 lbs./cycle

**CYLINDER VOL./DOOR DIAMETER:** Shall be a minimum of 38.9 cu./ft. and door opening of at least 27-inches in diameter.

**CABINET/CYLINDER MATERIAL:** Shall be AISI Type 304 (Top/Front/Sides) and inner/outer cylinder.

**PROGRAMMABLE EXTRACTION:** High extract shall be a minimum of 380-G force with the ability to program any one of 5-extract speeds and "0" rotation at any time during the cycle.

**TILT SYSTEM (Option):** Unit shall provide an air operated two-way tilt system controlled from an integrated activation system mounted on the unit. The forward/back tilt should allow the cylinder to rotate in a forward and reverse action to assist in loading and unloading. "Two hand" activation is required.

**CYCLE SELECTION:** Unit shall provide a minimum of 79 laundry cycles with a minimum of 59 cycles that may be customized to adapt to specific linen processing requirements.

**PROGRAMMABLE CONTROLS:** Unit shall be equipped with a microprocessor control allowing adjustment of wash/rinse temperatures, water level up to a minimum of six (6) levels, three (3) pre-programmed rotation options plus "0" rotation and the ability to program any on/off rotation combination. The control shall also allow programming of up to twelve (12) minutes per phase, delay start control, display cycle progress through LED indicator located on control panel and shall allow management to limit operator programming through the

use of a program access key and cycle lockout function.

**WATER TEMPERATURE CONTROL/ PROGRESSIVE COOL DOWN:**

Unit shall permit operator to pre-set wash temperatures from 33°–194°F to adapt to specific linen treatment specifications and/or government sanitary regulations. Water inlet valve shall be thermostatically controlled. Steam or Electric auxiliary heat units shall be available to field retrofit at the user option anytime. Unit shall be capable of a gradual reduction of water temperature from wash to rinse so to reduce fabric shock/wrinkles. Reduction shall be limited to no more than 7°F per minute from 194° to 130°F.

**NOISE & IN-LINE FILTERS:** Unit shall produce no more than 70 dB (Measured Equivalent Continuous) at the workstation of the unit. The unit shall also have standard in-line circuit filters that reduce induced noise and radiating noise for output wiring. The unit shall also provide a standard in-line DC reactor for improving the input power-factor and reducing harmonics when the voltage imbalance exceeds 2%.

**WATER RE-USE SYSTEM (Option):**

Unit shall provide all control function and ability to allow a field added water reclamation system capable of reclaiming rinse water for subsequent wash, pre-wash and initial rinse phases.

**AUTOMATIC CHEMICAL INJECTION CHEMICAL DISPENSER:**

Unit shall provide five (5) independent chemical injection connections for automatic dispensing of liquid chemicals with a minimum of five (5) independent activation signals. For safety purposes all connection

ports shall be mounted on the rear of the machine. Unit shall be equipped with a side mounted dispenser containing five (5) independently controlled dispensing compartments.

**PROGRAM ACCELERATOR/VISUAL CYCLE INDICATOR:**

Unit shall allow operator to manually accelerate program to permit bypass of any program step. Accelerator control and visual cycle indicator shall be conveniently located on the microprocessor control and shall allow operator to monitor cycle progress/position.

**BEARING HOUSING:** Shall be of solid one (1) piece construction for optimum structural support.

**SUSPENSION SYSTEM:** Unit shall be equipped with an internal suspension system capable of absorbing up to 95% of transmitted load dynamic energy (vibration) and isolating it away from electrical components, major mechanical components (bearings, shaft, frame) and the floor. Unit shall be freestanding and not require bolt down or pin attachment to floor structure and should require no additional foundation from standard commercial construction for mounting. Dynamic load to floor shall not exceed 1213 pounds with a frequency of 12 Hz.

**VOLTAGE/AMP REQUIREMENT:** 208-240/60/3 standard voltage with no more than 40-amp service requirement (20-amp @ 440-480)

**MACHINE WARRANTY:** Limited Warranty—3 Years on all machine parts. 5 Years—Mainframe, inner cylinder, including shaft coupler, bearings and seals.

**APPROVALS/CERTIFICATION:** A minimum of CSA or ETL, ISO 9001 & 14001 Quality and Environmental Impact Standards.

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