

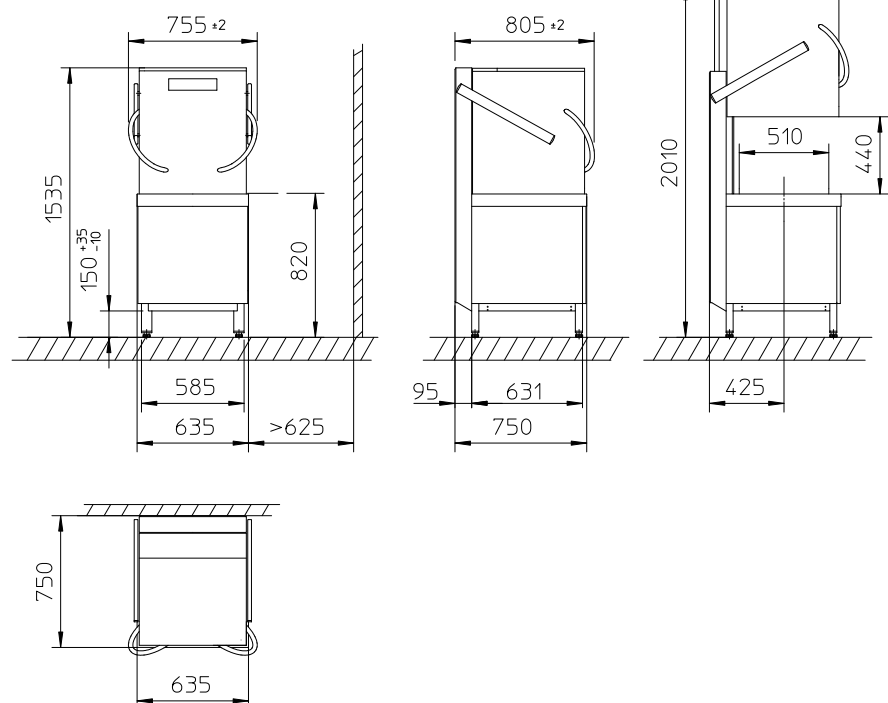
PTD 901
PTD 901 LIFT
PTD 901 ECO
PTD 901 LIFT ECO



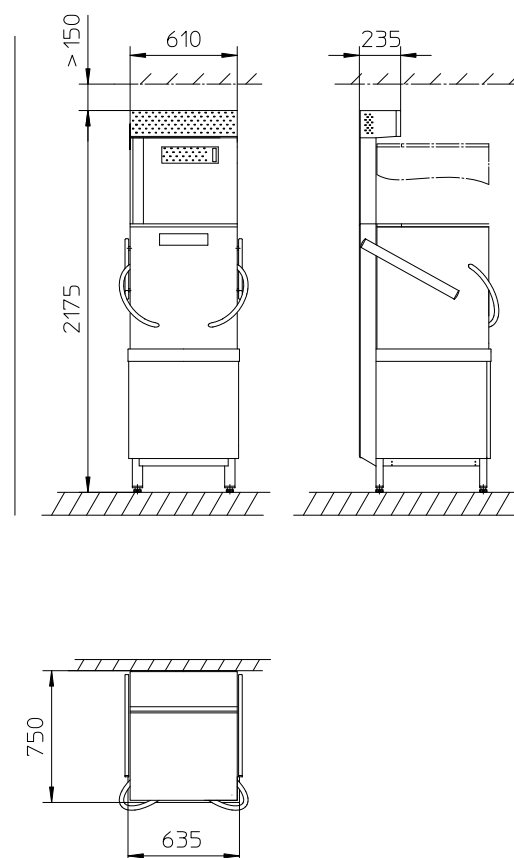
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Abmessungen

PTD 901 PTD 901 LIFT

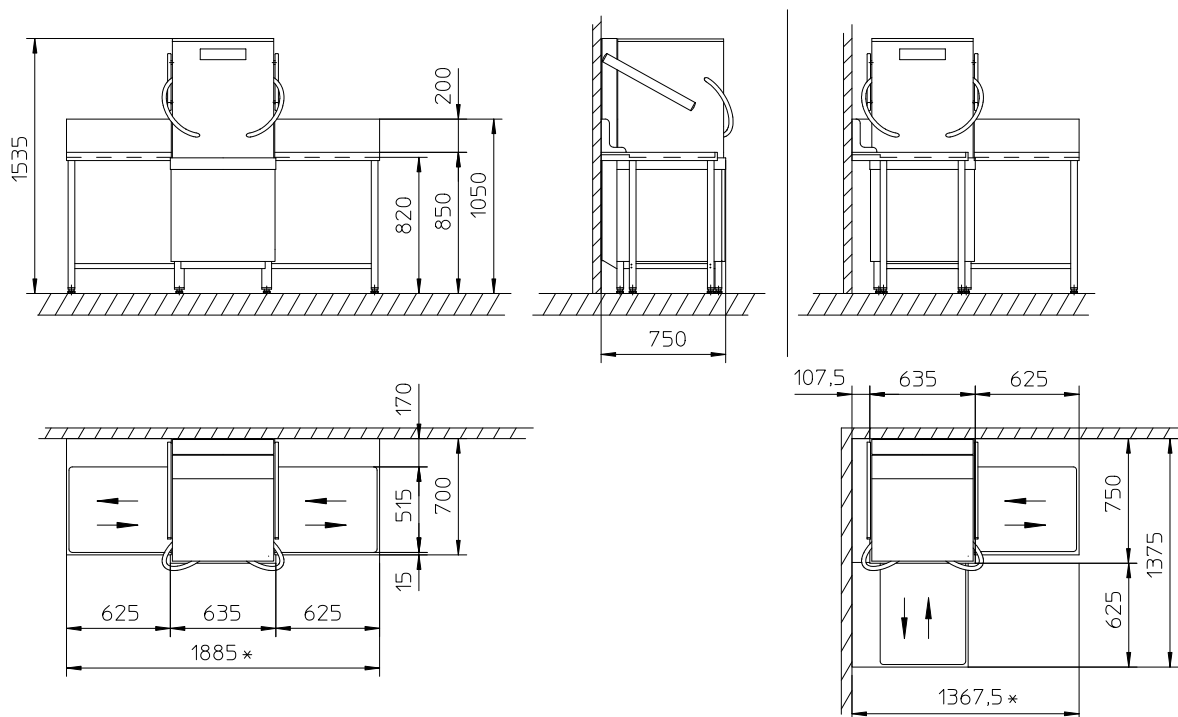


PTD 901 ECO PTD 901 LIFT ECO

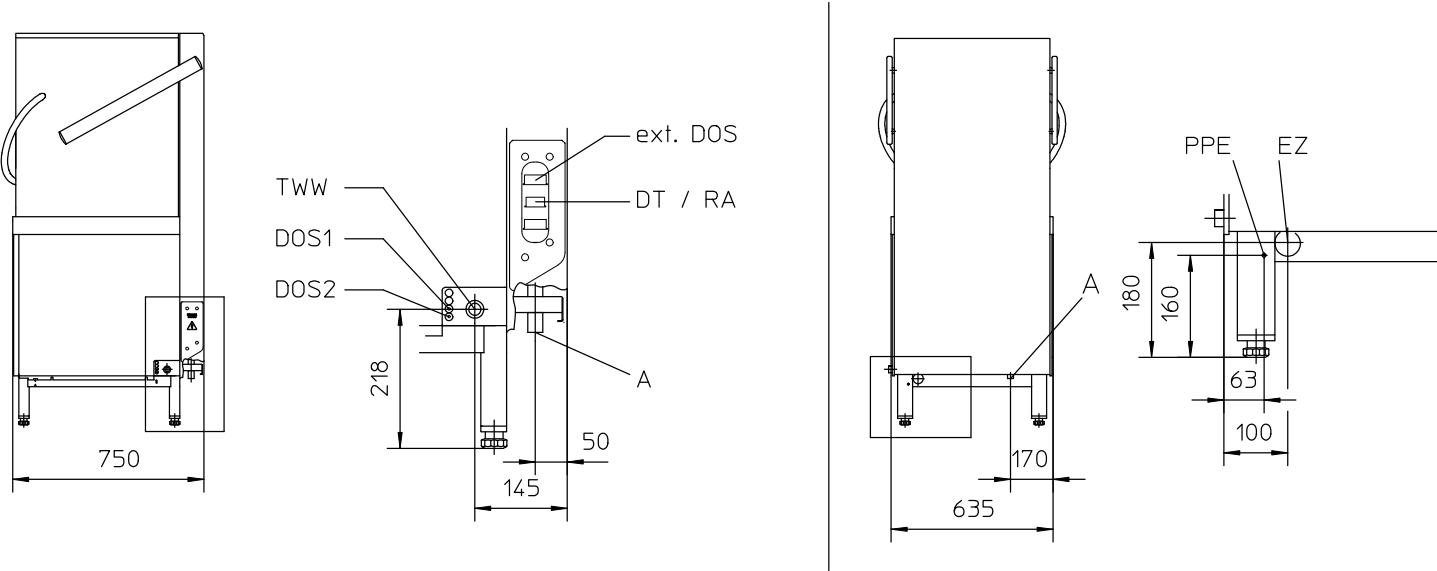


Abmessungen mit Tischen

Aufstellung Tischtiefe 700 mm



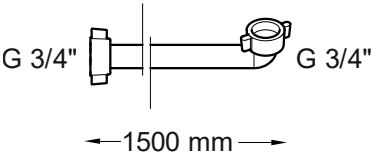
Position der Anschlüsse an der Maschine



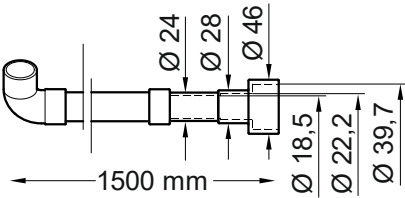
Pos.	Bezeichnung
A	Anschluss für Ablaufschlauch
TWW	Wasseranschluss G 3/4"
EZ	Einführung für Netzanschlussleitung (innerhalb der Maschine benötigt man ca. 1,7 m für das Verlegen und Anschließen der Netzanschlussleitung)
PPE	 Anschluss für bauseitiges Potentialausgleichssystem
DOS1	Anschluss für Klarspülerschlauch
DOS2	Anschluss für Reinigerschlauch
ext. DOS	Anschluss für externe Dosiergeräte
DT / RA	Anschluss für Sauglanzen (DT: Reiniger / RA: Klarspüler)

Zubehör

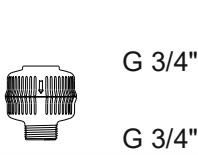
flexibler Zulaufschlauch; an Punkt TWW anschließen



flexibler Ablaufschlauch; an Punkt A anschließen



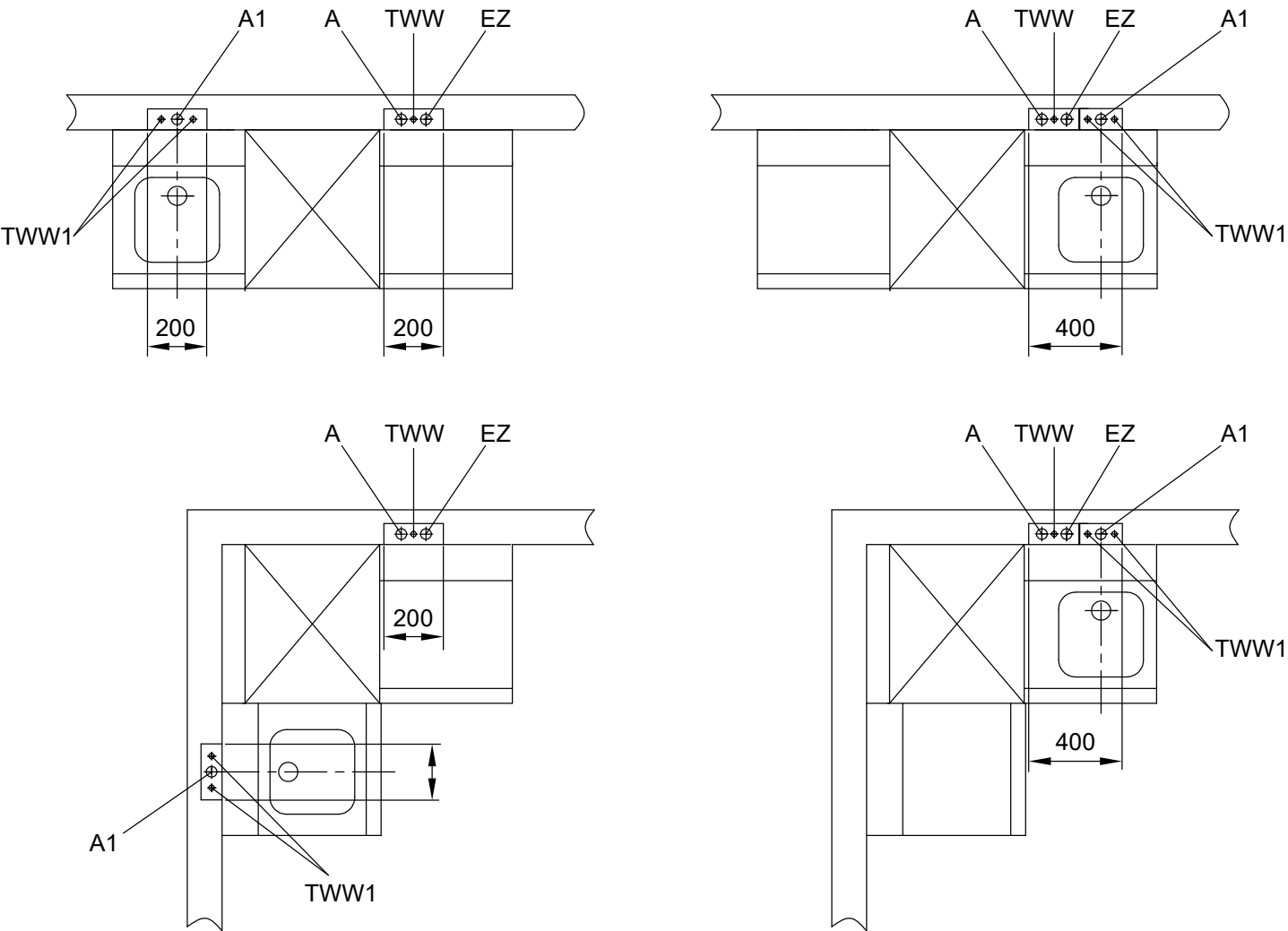
Schmutzfänger; zwischen Wasserabsperrentventil und Zulaufschlauch einbauen



Installationsplan

Vorschlag für die bauseitigen Installationspunkte

Die genauen Maße müssen unter Berücksichtigung der bauseitigen Gegebenheiten festgelegt werden.



Pos.	Bezeichnung	Bemerkung
A	Abwasseranschluss Maschine	Details siehe „Anforderungen an die bauseitige Installation“
TWW	Frischwasseranschluss Maschine	
EZ	Elektro-Wandanschlusssdose	
A1	Abwasseranschluss Spülbecken	Ø 50 mm mit Siphon ca. 300 mm über Fertigfußboden
TWW1	Frischwasseranschluss Wasserarmatur	G ½“ Außengewinde kalt und warm (max. 60 °C) ca. 500 mm über Fertigfußboden

Anforderungen an die bauseitige Installation

Frishwasseranschluss

Position	ca. 500 mm über Fertigfußboden; rechts neben der Maschine		
Ausführung	Absperrventil mit G ¾“ Außengewinde		
Zulaufwassertemperatur	PTD 901, PTD901 Lift	max. 60 °C	
	PTD 901 ECO, PTD 901 Lift ECO	max. 20 °C	
Wasserqualität	Das Frischwasser muss in mikrobiologischer Hinsicht Trinkwasserqualität besitzen		
Wasserhärte		Maschinen ohne eingebauten Enthärter	Maschinen mit eingebautem Enthärter
	PTD 901, PTD901 Lift	≤ 3 °dH (3,8 °e / 5,34 °TH / 0,54 mmol/l) Empfehlung, damit die Spülmaschine nicht verkalkt.	≤ 31 °dH (37,6 °e / 53,4 °TH / 5,35 mmol/l)
	PTD 901 ECO, PTD 901 Lift ECO	≤ 3 °dH (3,8 °e / 5,34 °TH / 0,54 mmol/l)	≤ 20 °dH (25,1 °e / 35,6 °TH / 3,58 mmol/l)
		Anschluss an Osmosewasser ist wegen der Kupferrohre im Abluftwärmetauscher nicht erlaubt	
Wasserfließdruck	PTD 901, PTD901 Lift	100 kPa (1,0 bar)	
	PTD 901 ECO, PTD 901 Lift ECO	150 kPa (1,5 bar)	
Max. Eingangsdruck (Staudruck)	1000 kPa (10,0 bar)		
Durchflussmenge	min. 4 l/min		

Abwasseranschluss

Position	max. 650 mm über Fertigfußboden; links oder rechts neben der Maschine
Abmessung	Ø 40 oder 50 mm mit Siphon

Elektroanschluss

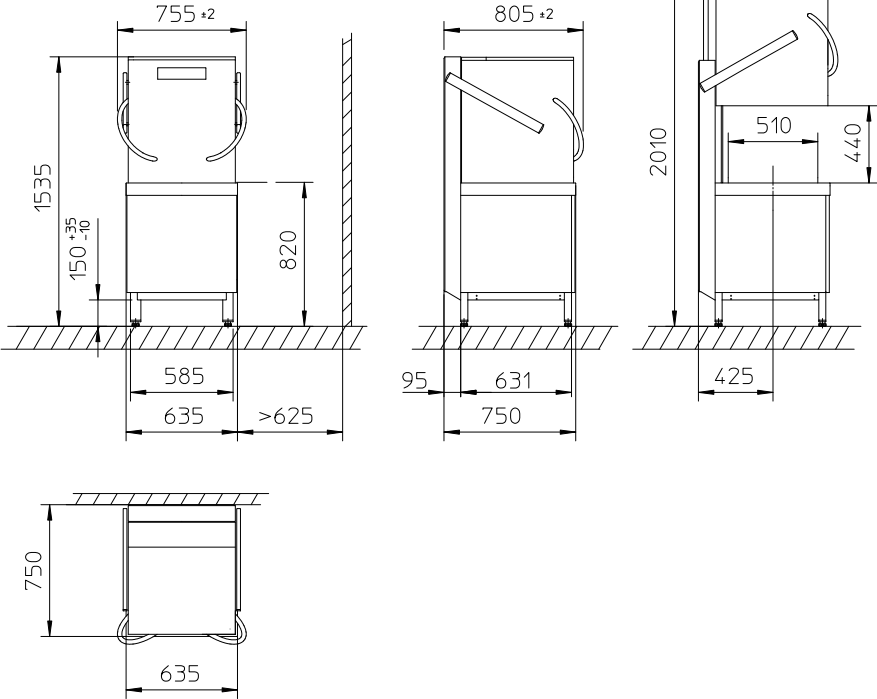
Position	ca. 700 mm über Fertigfußboden; links oder rechts neben der Maschine
Ausführung	Falls bauseitig ein Fehlerstromschutzschalter vorgesehen wird, empfehlen wir den Einbau eines allstromsensitiven Fehlerstromschutzschalters der Klasse B
Absicherung	Abhängig vom Gesamtanschlusswert der Maschine (siehe separate Tabelle)
Leitungsquerschnitt	Abhängig vom Gesamtanschlusswert der Maschine (siehe separate Tabelle)

Gesamtanschlusswerte

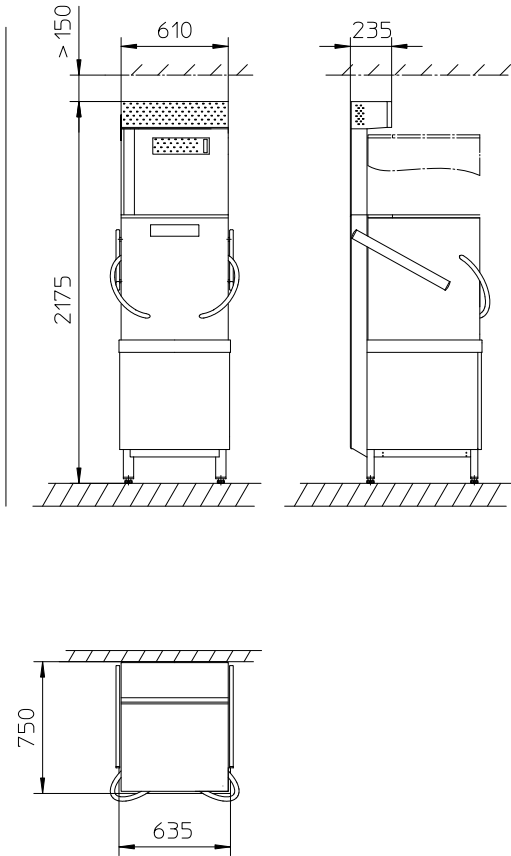
Netzspannung	Bauseitige Absicherung [A]	Gesamtanschlusswert [kW]		Leitungsquerschnitt [mm²]
		Boilerheizung 6,4 kW	Boilerheizung 10,8 kW	
380 V / 3N~ / 50 Hz	16	7,1	8,3	2,5
380 V / 3N~ / 60 Hz				
400 V / 3N~ / 50 Hz	16	7,9	9,1	2,5
400 V / 3N~ / 60 Hz	25	10,2	13,2	4
	32	-	14,7	6
415 V / 3N~ / 50 Hz	15 / 16 / 20	8,4	9,7	2,5
415 V / 3N~ / 60 Hz	25	10,9	11,5	4
	32	-	15,7	6
200 V / 3~ / 50 Hz	25	6,6	7,1	4
200 V / 3~ / 60 Hz	32	8,0	9,0	6
230 V / 3~ / 50 Hz	25	7,8	-	4
230 V / 3~ / 60 Hz	32	10,1	-	6
230 V / 1N~ / 50 Hz	32	6,9	-	6
230 V / 1N~ / 60 Hz				
240 V / 1N~ / 50 Hz	25	5,1	-	4
240 V / 1N~ / 60 Hz	32	7,0	-	6
	40	9,0	-	10
	50	10,9	-	10

Dimensions

PTD 901
PTD 901 LIFT

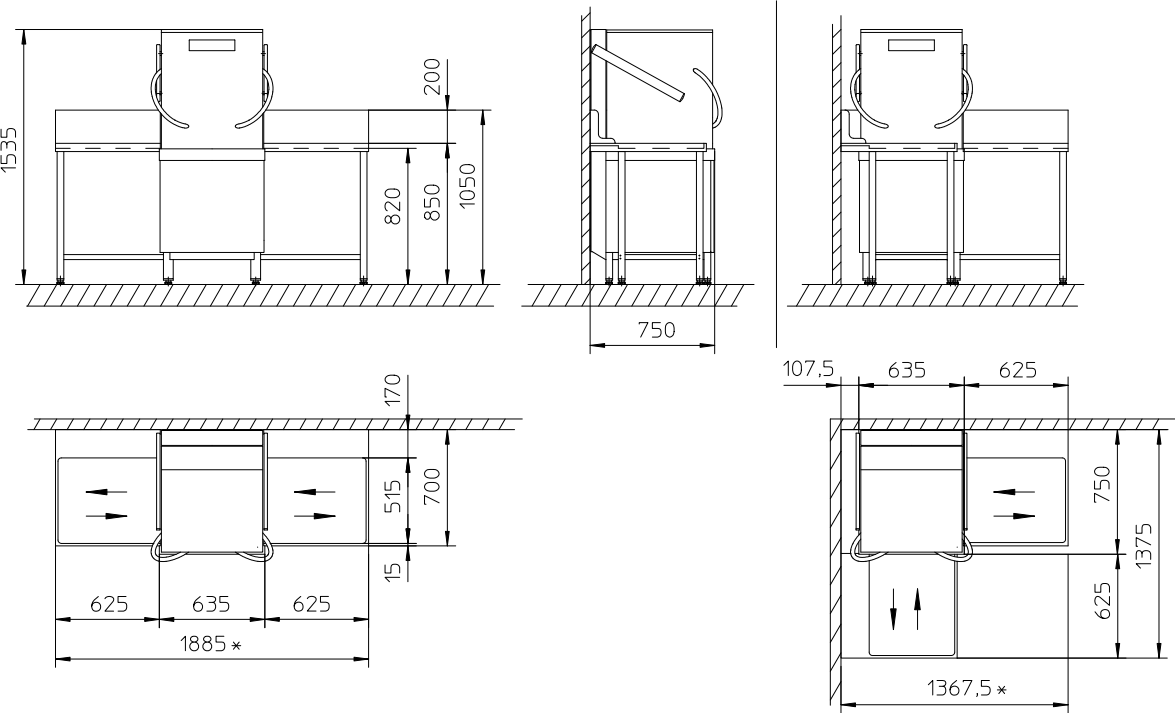


PTD 901 ECO
PTD 901 LIFT ECO

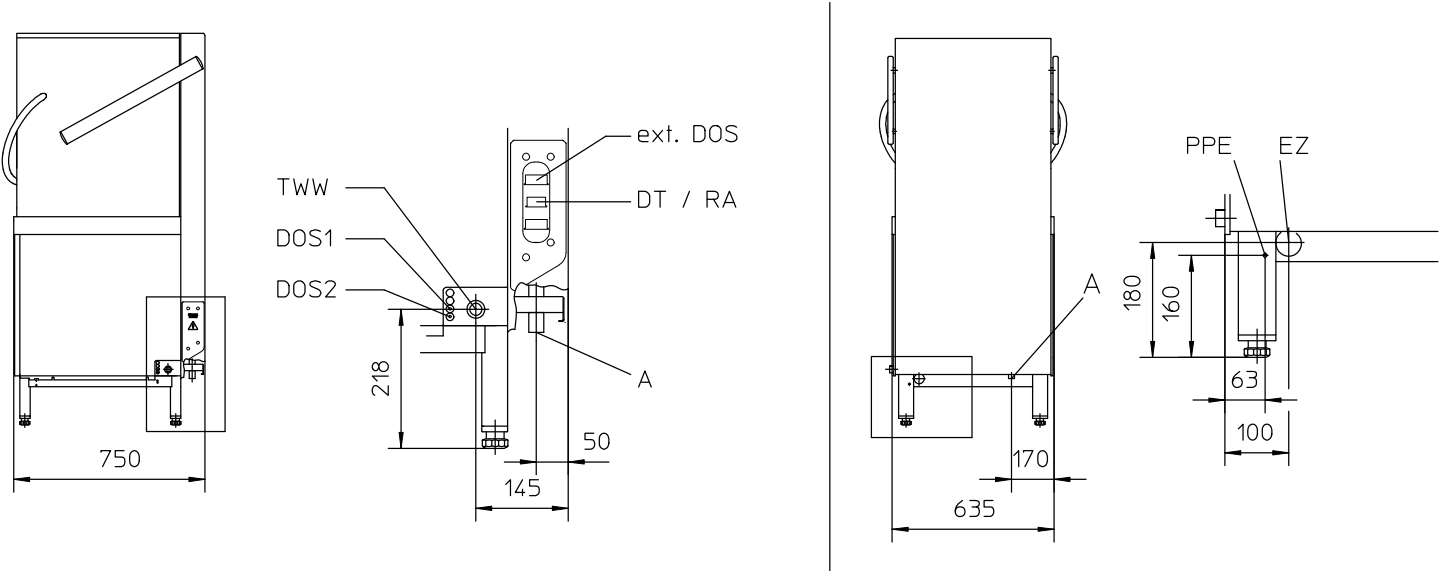


Dimensions with tables

Installation table depth 700 mm



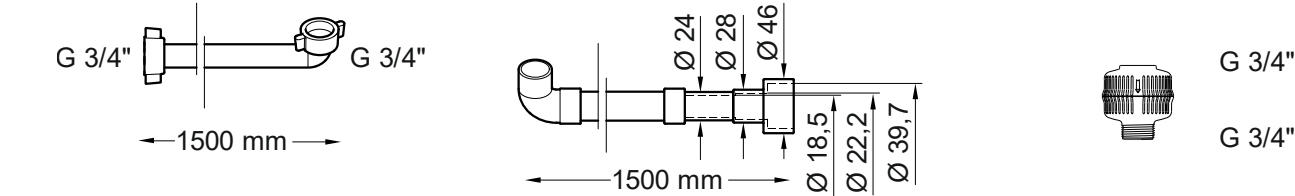
Location of connections on the machine



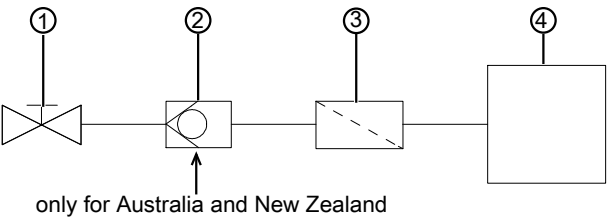
Item	Name
A	Connection for drain hose
TWW	Water connection G 3/4"
EZ	Entry for mains cable (inside the machine approx. 1.7 m is required for laying and connecting the mains cable)
PPE	 Connection for on-site equipotential bonding system
DOS1	Connection for rinse aid hose
DOS2	Connection for detergent hose
ext. DOS	Connection for external dosing devices
DT / RA	Connection for suction tubes (DT: detergent / RA: rinse aid)

Accessories

Flexible supply hose; connect to point TWW Flexible drain hose; connect to point A Dirt trap; install between the water stop cock and the supply hose



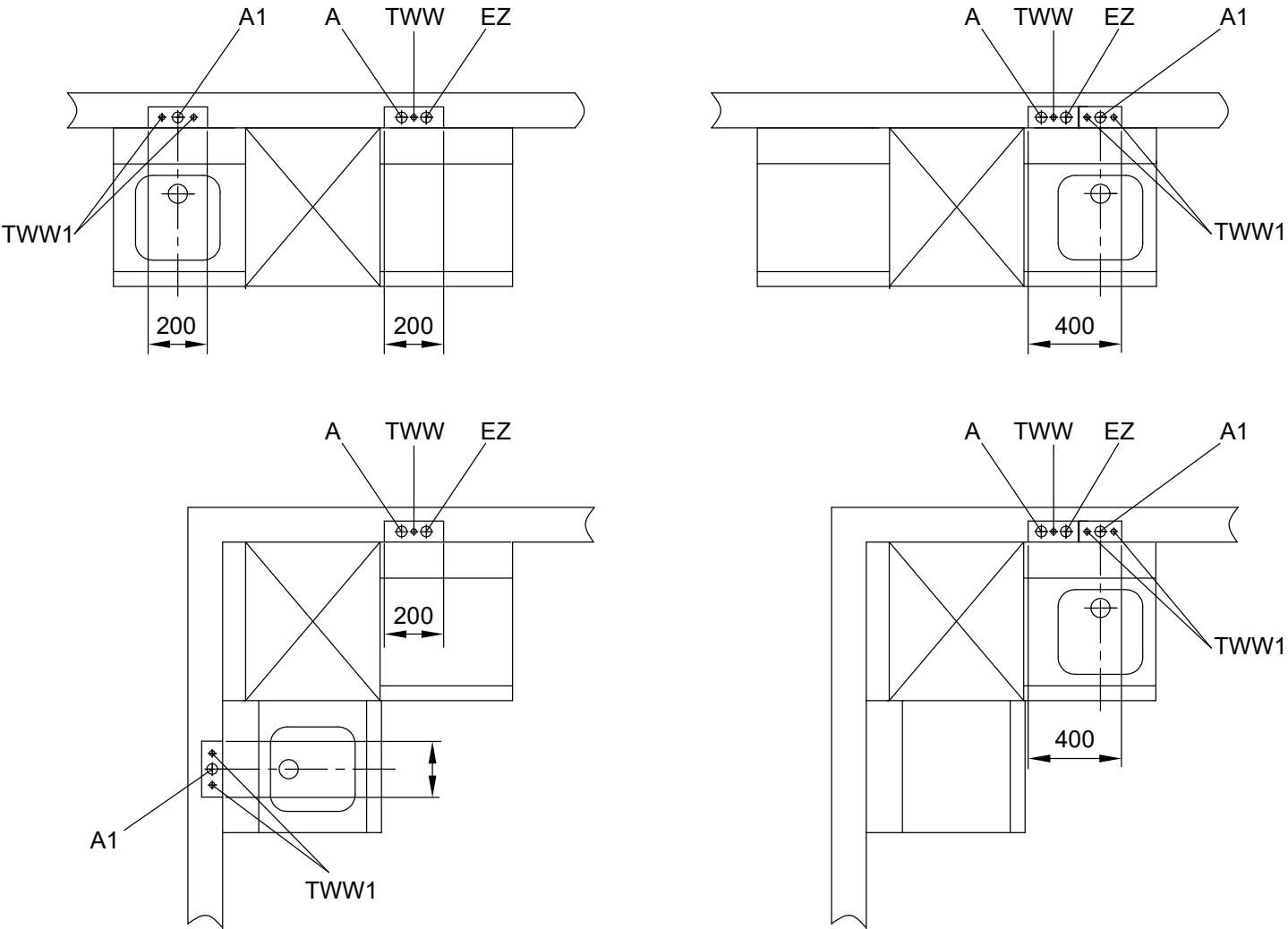
Installation diagram



1	On-site water tap (provided by the customer)
2	Only for Australia and New Zealand: This appliance must be installed according to AS/NZS 3500.1 and AS/NZS 3500.2. This dishwasher has been supplied separately with a separate backflow prevention device (dual check valve).
3	Water inlet filter (included in scope of delivery of the dishwasher)
4	Dishwasher

Suggestion for the on-site installation points

The exact dimensions must be determined, taking local conditions into account.



Item	Name	Note
A	Machine waste water connection	For details, see "Requirements for on-site installation"
TWW	Machine inlet water connection	
EZ	Electric wall junction box	
A1	Sink waste water connection	Ø 50 mm with trap approx. 300 mm above finished floor
TWW1	Inlet water connection water armature	G ½" external thread cold and warm (max. 60 °C) approx. 500 mm above finished floor

Requirements for on-site installation

Inlet water connection

Location	approx. 500 mm above finished floor; to the right of the machine		
Construction	Isolation valve with G ¾" external thread		
Inlet water temperature	PTD 901, PTD901 Lift	max. 60°C	
	PTD 901 ECO, PTD 901 Lift ECO	max. 20°C	
Water quality	Microbiologically, fresh water must be of drinking water quality		
Water hardness		Machines without integrated softener	Machines with integrated softener
	PTD 901, PTD901 Lift	≤ 3 °dH (3.8 °e / 5.34 °TH / 0.54 mmol/l) Recommended, to prevent warewasher from scaling up.	≤ 31 °dH (37.6 °e / 53.4 °TH / 5.35 mmol/l)
	PTD 901 ECO, PTD 901 Lift ECO	≤ 3 °dH (3.8 °e / 5.34 °TH / 0.54 mmol/l)	≤ 20 °dH (25.1 °e / 35.6 °TH / 3.58 mmol/l)
		Connection of osmosis water is not permitted due to the copper pipes in the waste air heat exchanger	
Water flow pressure	PTD 901, PTD901 Lift	100 kPa (1,0 bar)	
	PTD 901 ECO, PTD 901 Lift ECO	150 kPa (1,5 bar)	
Max. inlet pressure (back pressure)	1000 kPa (10,0 bar)		
Flow rate	min. 4 l/min		

Waste water connection

Location	approx. 650 mm above finished floor; left or right of the machine
Dimensions	Ø 40 mm or 50 mm with trap

Electrical connection

Location	approx. 700 mm above finished floor; left or right of the machine
Construction	If a residual current circuit breaker is provided on-site, we recommend installing a Class B all-current sensitive residual current circuit breaker
Fuse protection	Depends on the total connected load of the machine (see separate table)
Cable cross-section	Depends on the total connected load of the machine (see separate table)

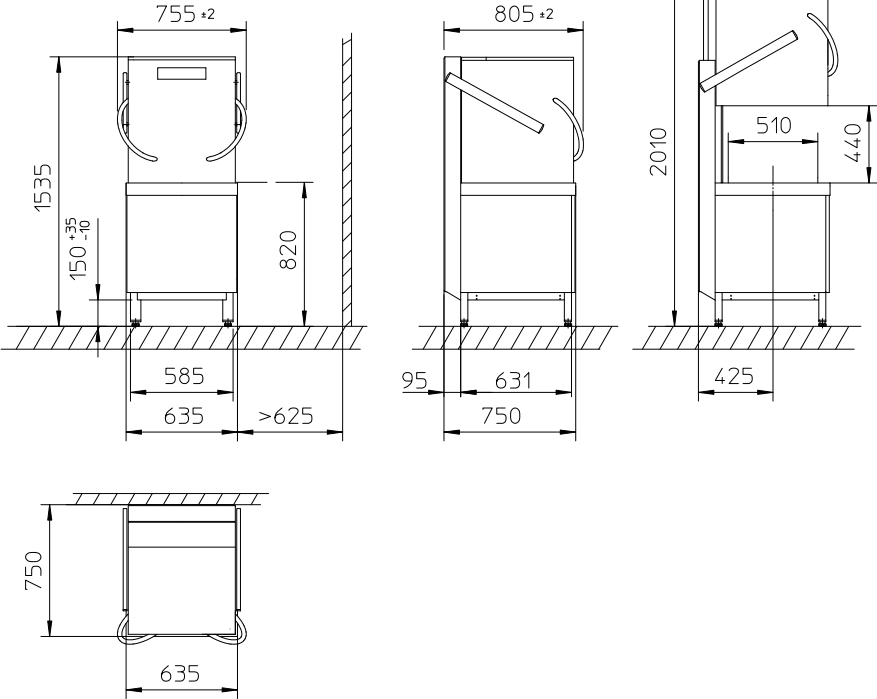
Total connected loads

Mains voltage	On-site fuse protection [A]	Total connected load [kW]		Cable cross-section [mm²]
		Boiler heating 6.4 kW	Boiler heating 10.8 kW	
380 V / 3N~ / 50 Hz	16	7,1	8,3	2,5
380 V / 3N~ / 60 Hz				
400 V / 3N~ / 50 Hz	16	7,9	9,1	2,5
400 V / 3N~ / 60 Hz	25	10,2	13,2	4
	32	-	14,7	6
415 V / 3N~ / 50 Hz	15 / 16 / 20	8,4	9,7	2,5
415 V / 3N~ / 60 Hz	25	10,9	11,5	4
	32	-	15,7	6
200 V / 3~ / 50 Hz	25	6,6	7,1	4
200 V / 3~ / 60 Hz	32	8,0	9,0	6
230 V / 3~ / 50 Hz	25	7,8	-	4
230 V / 3~ / 60 Hz	32	10,1	-	6
230 V / 1N~ / 50 Hz	32	6,9	-	6
230 V / 1N~ / 60 Hz				
240 V / 1N~ / 50 Hz	25	5,1	-	4
240 V / 1N~ / 60 Hz	32	7,0	-	6
	40	9,0	-	10
	50	10,9	-	10

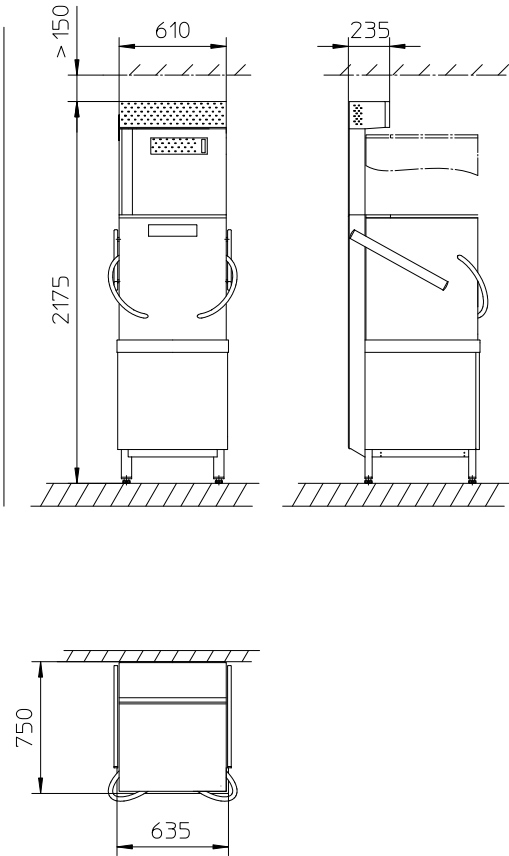
230 V / 1N~ and 240 V / 1N~ don't apply for Australia and New Zealand.

Dimensions

PTD 901
PTD 901 LIFT

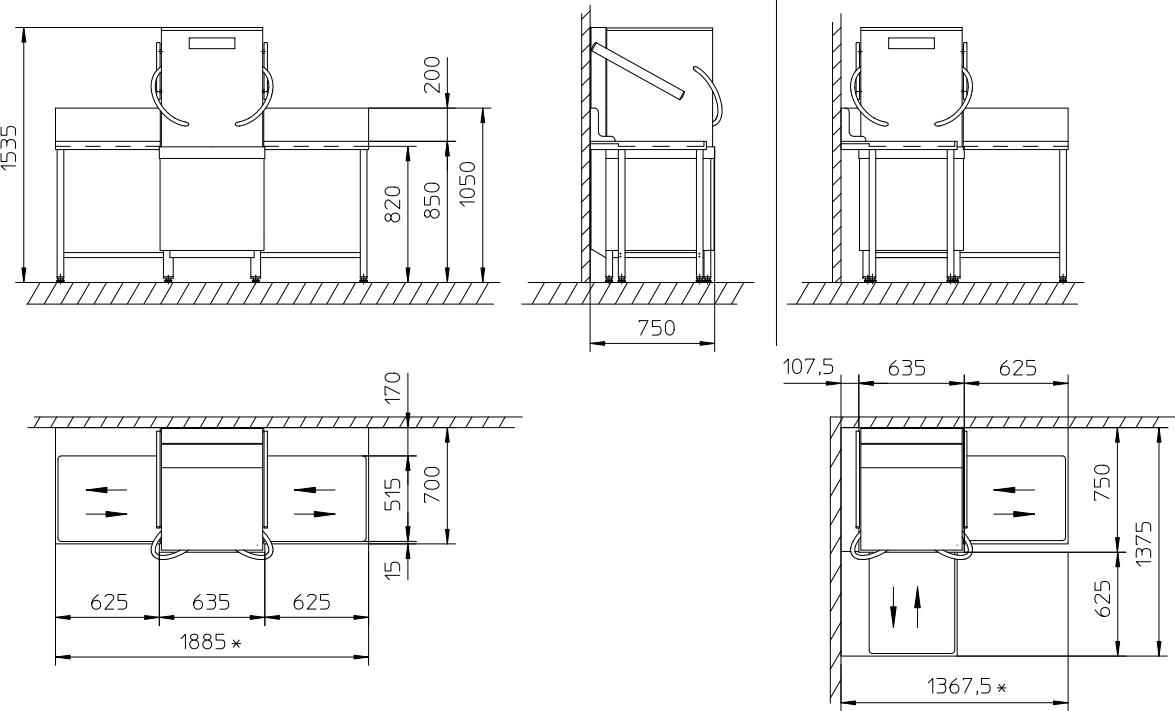


PTD 901 ECO
PTD 901 LIFT ECO

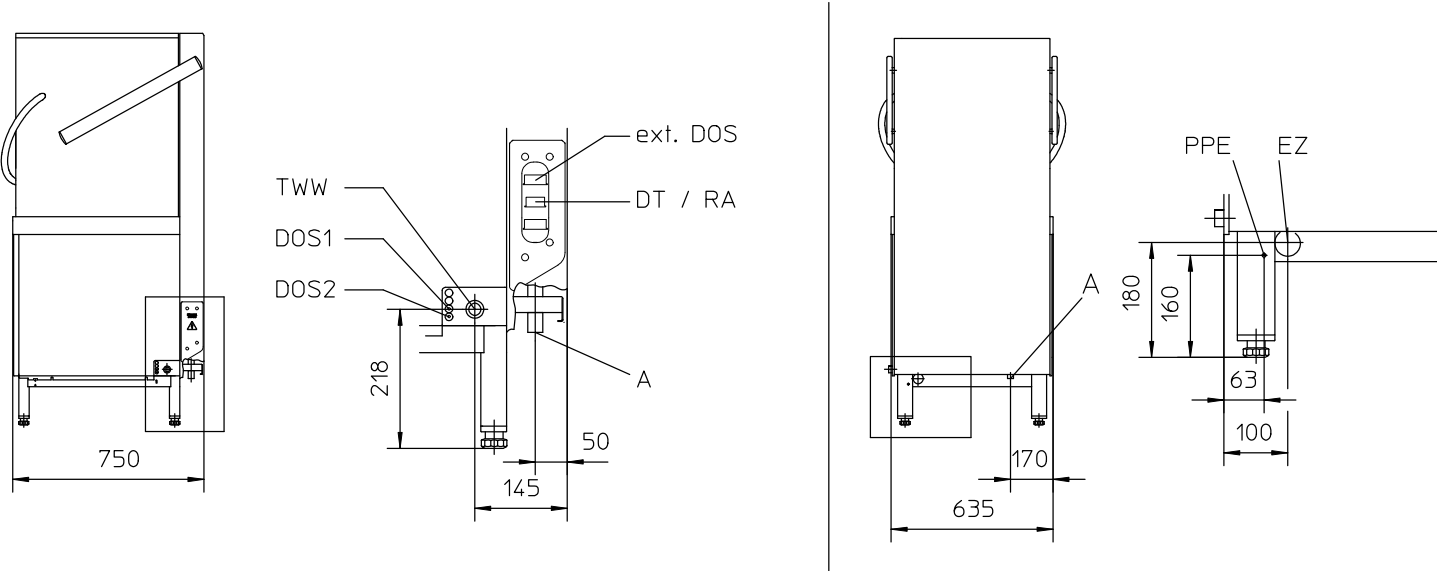


Dimensions avec tables

Installation profondeur de table 700 mm



Position des raccords au niveau de la machine



Pos.	Désignation
A	Raccord pour tuyau d'évacuation
TWW	Raccord d'eau G 3/4"
EZ	Entrée pour le câble d'alimentation (à l'intérieur de la machine, il faut environ 1,7 m pour poser et raccorder le câble d'alimentation)
PPE	 Raccord pour système de compensation du potentiel installé sur le site
DOS1	Raccord pour tuyau de liquide de rinçage
DOS2	Raccord pour tuyau de détergent
DOS ext.	Raccord pour doseurs externes
DT / RA	Raccord pour cannes d'aspiration (DT : détergent / RA : liquide de rinçage)

Accessoires

Tuyau d'alimentation flexible ; raccorder au point TWW

Tuyau d'évacuation flexible ; raccorder au point A

Collecteur d'impuretés ; intégrer entre la vanne d'arrêt d'eau et le tuyau d'alimentation

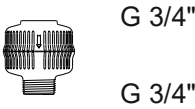
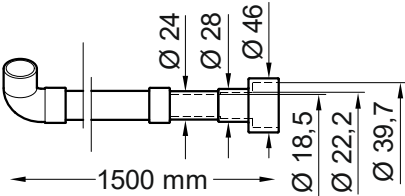
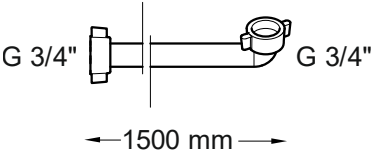
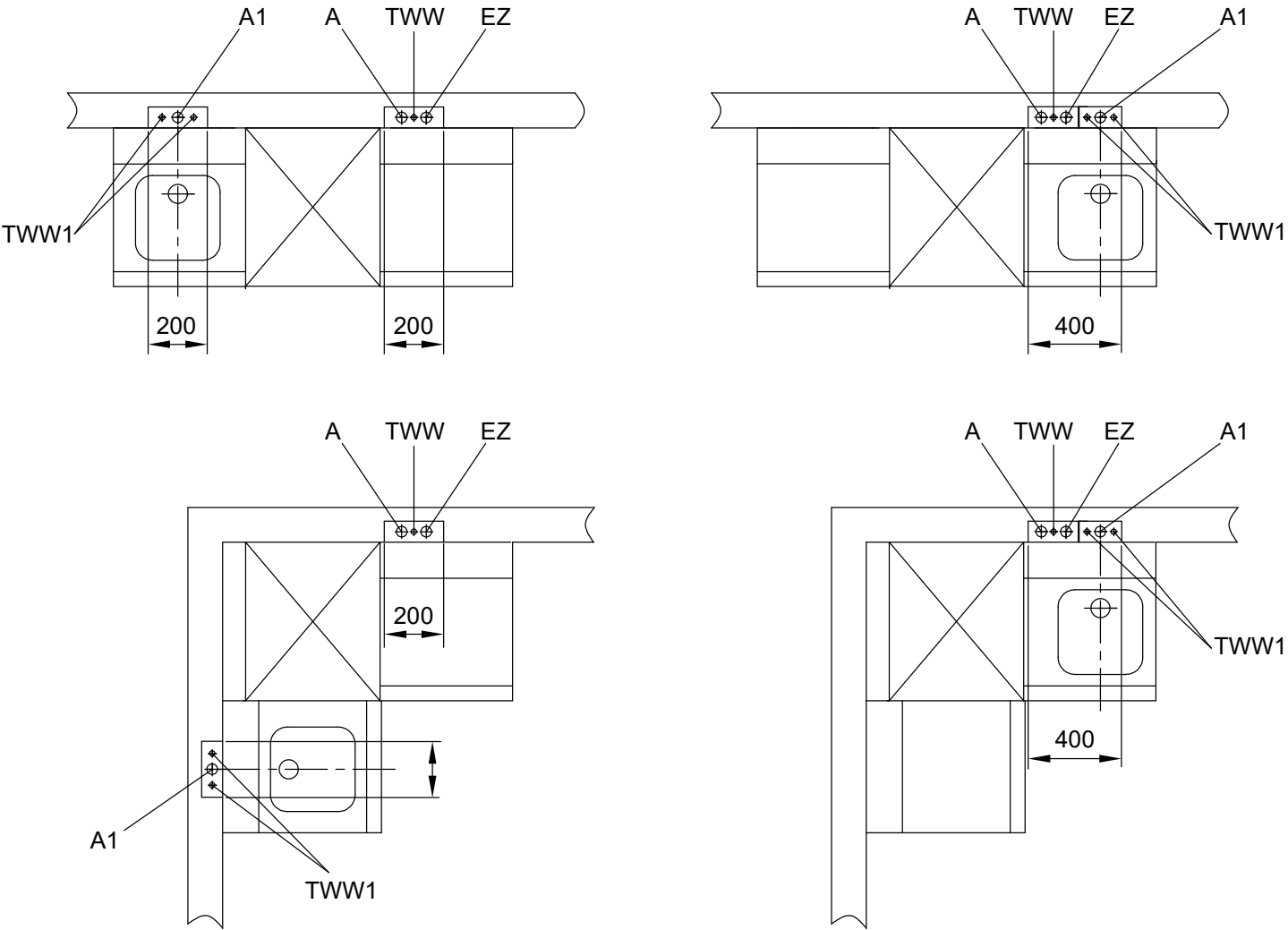


Schéma d'installation

Proposition pour les points d'installation sur site

Les dimensions exactes doivent être définies en prenant en compte les conditions sur site.



Pos.	Désignation	Remarque
A	Raccord des eaux usées machine	Pour plus de détails, voir « Exigences relatives à l'installation sur site »
TWW	Raccord de l'eau claire machine	
EZ	Boîte de jonction murale électrique	
A1	Raccord des eaux usées lavabo	Ø 50 mm avec siphon env. 300 mm au-dessus du sol fini
TWW1	Raccord d'eau claire robinetterie	Filetage extérieur G 1/2" froid et chaud (max. 60 °C) env. 500 mm au-dessus du sol fini

Exigences relatives à l’installation sur site

Raccord de l’eau claire

Position	env. 500 mm au-dessus du sol fini ; à droite à côté de la machine		
Version	Soupape d'arrêt avec filetage extérieur G ¾"		
Température de l'eau d'alimentation	PTD 901, PTD901 Lift	max. 60 °C	
	PTD 901 ECO, PTD 901 Lift ECO	max. 20 °C	
Qualité de l'eau	L'eau claire doit être de qualité potable d'un point de vue microbiologique		
Dureté de l'eau		Machines sans adoucisseur intégré	Machines avec adoucisseur intégré
	PTD 901, PTD901 Lift	≤ 3 °dH (3,8 °e / 5,34 °TH / 0,54 mmol/l) Recommandation pour éviter l'entartrage du lave-vaisselle.	≤ 31 °dH (37,6 °e / 53,4 °TH / 5,35 mmol/l)
	PTD 901 ECO, PTD 901 Lift ECO	≤ 3 °dH (3,8 °e / 5,34 °TH / 0,54 mmol/l)	≤ 20 °dH (25,1 °e / 35,6 °TH / 3,58 mmol/l)
		Le raccordement en eau osmosée est interdit en raison des tuyaux en cuivre de l'échangeur thermique de l'air évacué	
Pression d'écoulement d'eau	PTD 901, PTD901 Lift	100 kPa (1,0 bar)	
	PTD 901 ECO, PTD 901 Lift ECO	150 kPa (1,5 bar)	
Pression d'entrée max. (pression d'accumulation)	1000 kPa (10,0 bar)		
Débit	min. 4 l/min		

Raccord eaux usées

Position	max. 650 mm au-dessus du sol fini ; à gauche ou à droite à côté de la machine
Dimension	Ø 40 ou 50 mm avec siphon

Raccordement électrique

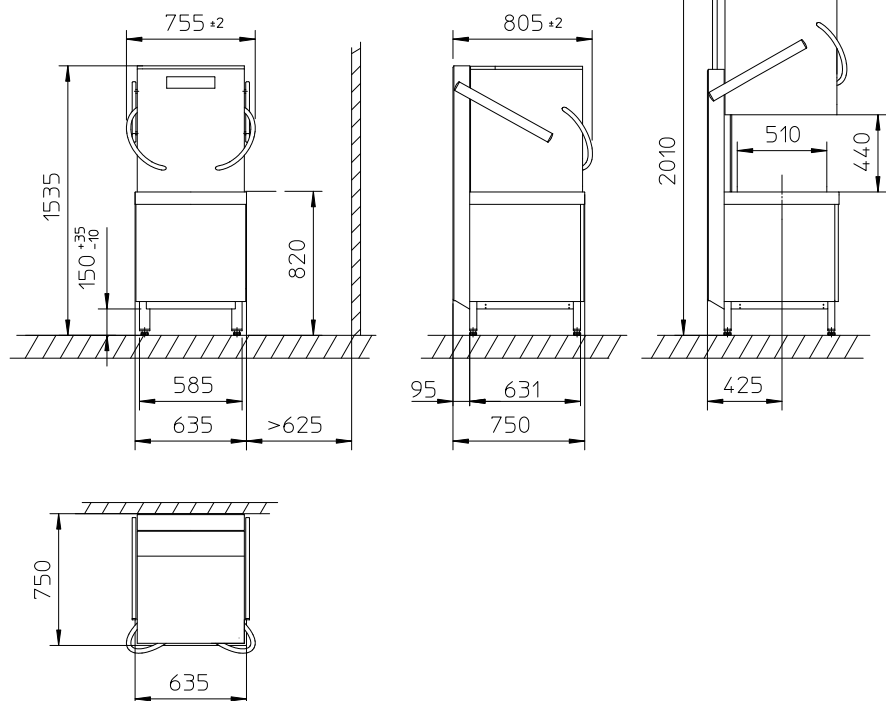
Position	env. 700 mm au-dessus du sol fini ; à gauche ou à droite à côté de la machine
Version	Si un interrupteur différentiel de protection est prévu sur site, nous recommandons l’installation d’un interrupteur différentiel de protection de classe B sensible à tous les courants
Protection par fusibles	En fonction de la puissance totale raccordée de la machine (voir tableau séparé)
Section de câble	En fonction de la puissance totale raccordée de la machine (voir tableau séparé)

Puissance totale raccordée

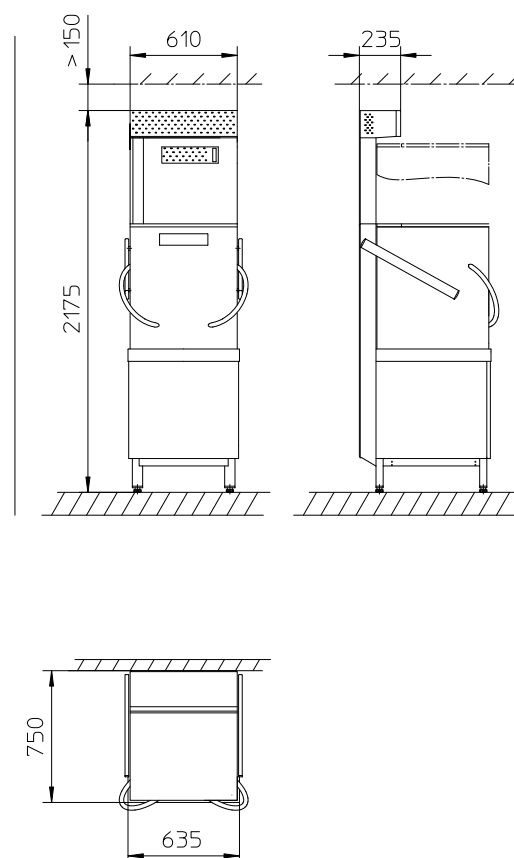
Tension du réseau	Protection par fusibles du site [A]	Puissance totale raccordée [kW]		Section de câble [mm²]
		Surchauffeur 6,4 kW	Surchauffeur 10,8 kW	
380 V / 3 N~ / 50 Hz	16	7,1	8,3	2,5
380 V / 3 N~ / 60 Hz				
400 V / 3 N~ / 50 Hz	16	7,9	9,1	2,5
400 V / 3 N~ / 60 Hz	25	10,2	13,2	4
	32	-	14,7	6
415 V / 3 N~ / 50 Hz	15 / 16 / 20	8,4	9,7	2,5
415 V / 3 N~ / 60 Hz	25	10,9	11,5	4
	32	-	15,7	6
200 V / 3~ / 50 Hz	25	6,6	7,1	4
200 V / 3~ / 60 Hz	32	8,0	9,0	6
230 V / 3~ / 50 Hz	25	7,8	-	4
230 V / 3~ / 60 Hz	32	10,1	-	6
230 V / 1N~ / 50 Hz	32	6,9	-	6
230 V / 1N~ / 60 Hz				
240 V / 1 N~ / 50 Hz	25	5,1	-	4
240 V / 1 N~ / 60 Hz	32	7,0	-	6
	40	9,0	-	10
	50	10,9	-	10

Dimensioni

PTD 901 PTD 901 LIFT

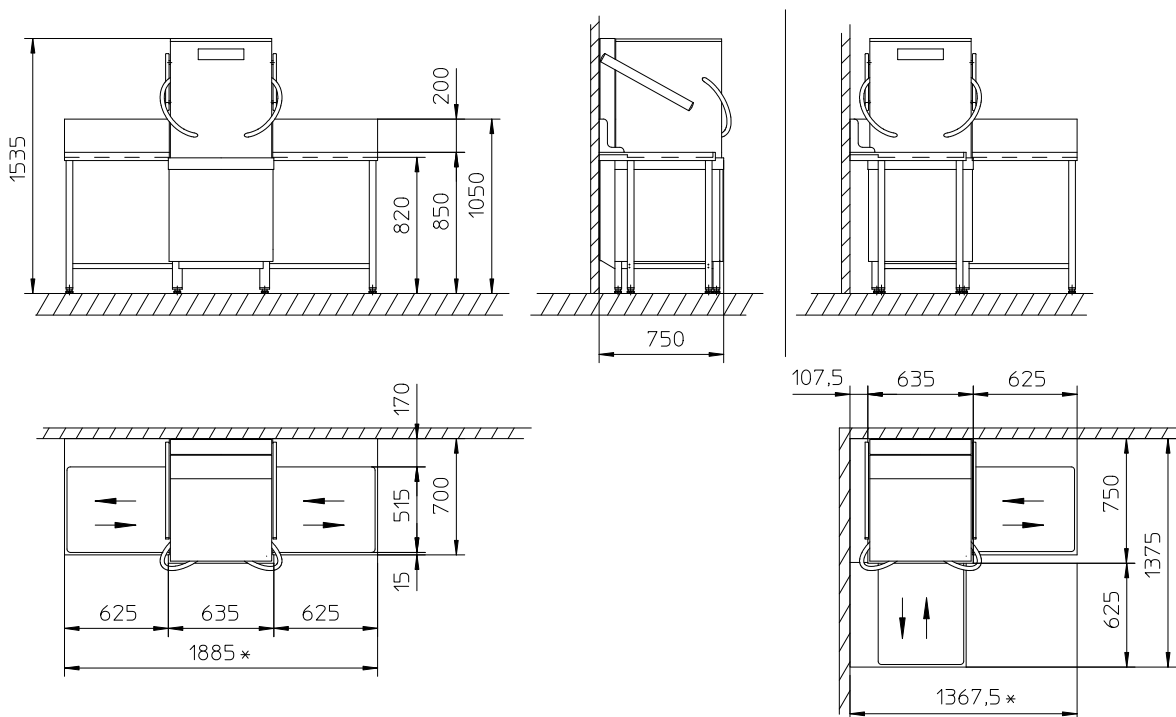


PTD 901 ECO PTD 901 LIFT ECO

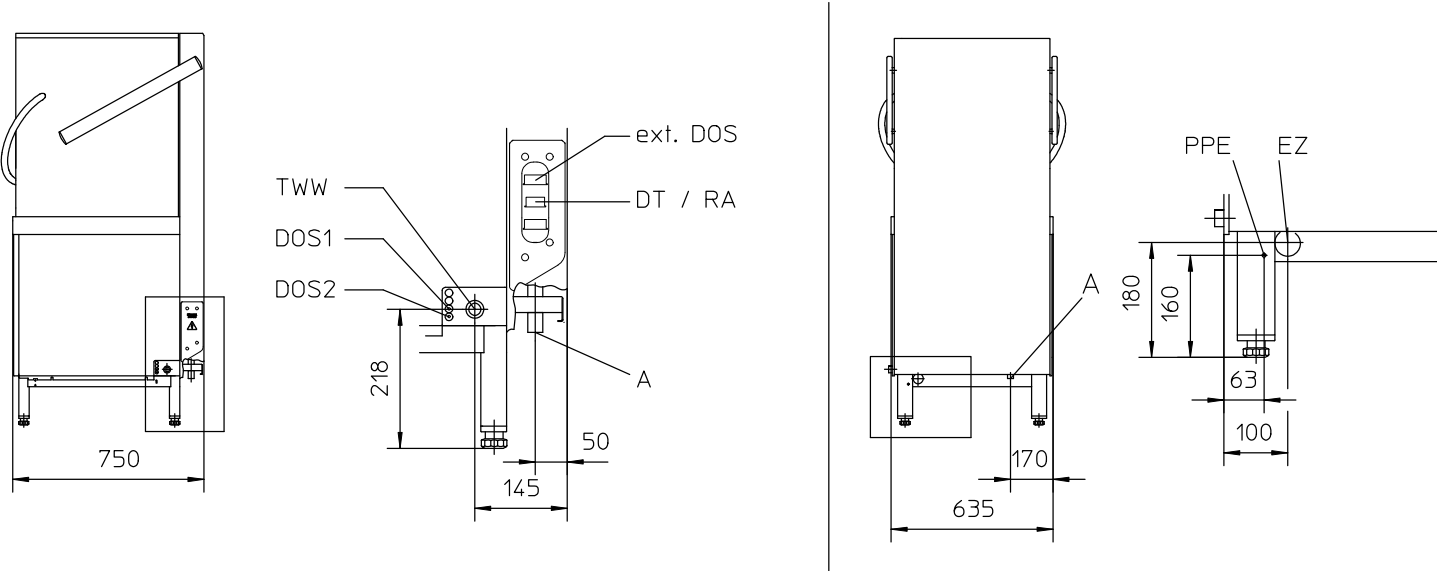


Dimensioni con i ripiani

Installazione profondità ripiano 700 mm



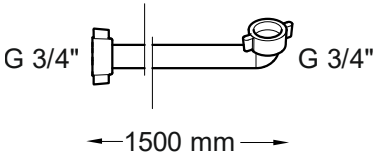
Posizione dei collegamenti sulla macchina



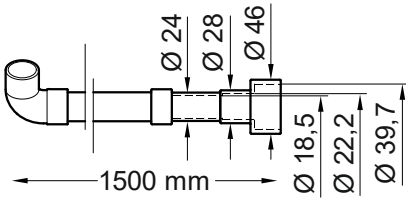
Pos.	Denominazione
A	Collegamento per tubo di scarico
TWW	Raccordo dell'acqua G 3/4"
EZ	Ingresso per il cavo di alimentazione (all'interno della macchina occorre disporre di circa 1,7 m di spazio per la posa e il collegamento del cavo di alimentazione)
PPE	 Collegamento per il sistema di collegamento equipotenziale in loco
DOS1	Collegamento per il tubo flessibile del brillantante
DOS2	Collegamento per il tubo flessibile del detersivo
DOS est.	Attacco per dosatori esterni
DT / RA	Collegamento per tubi di aspirazione (DT: detersivo / RA: brillantante)

Accessori

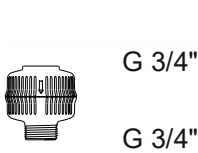
tubo flessibile di carico; collegare al punto TWW



tubo di scarico flessibile; collegare al punto A



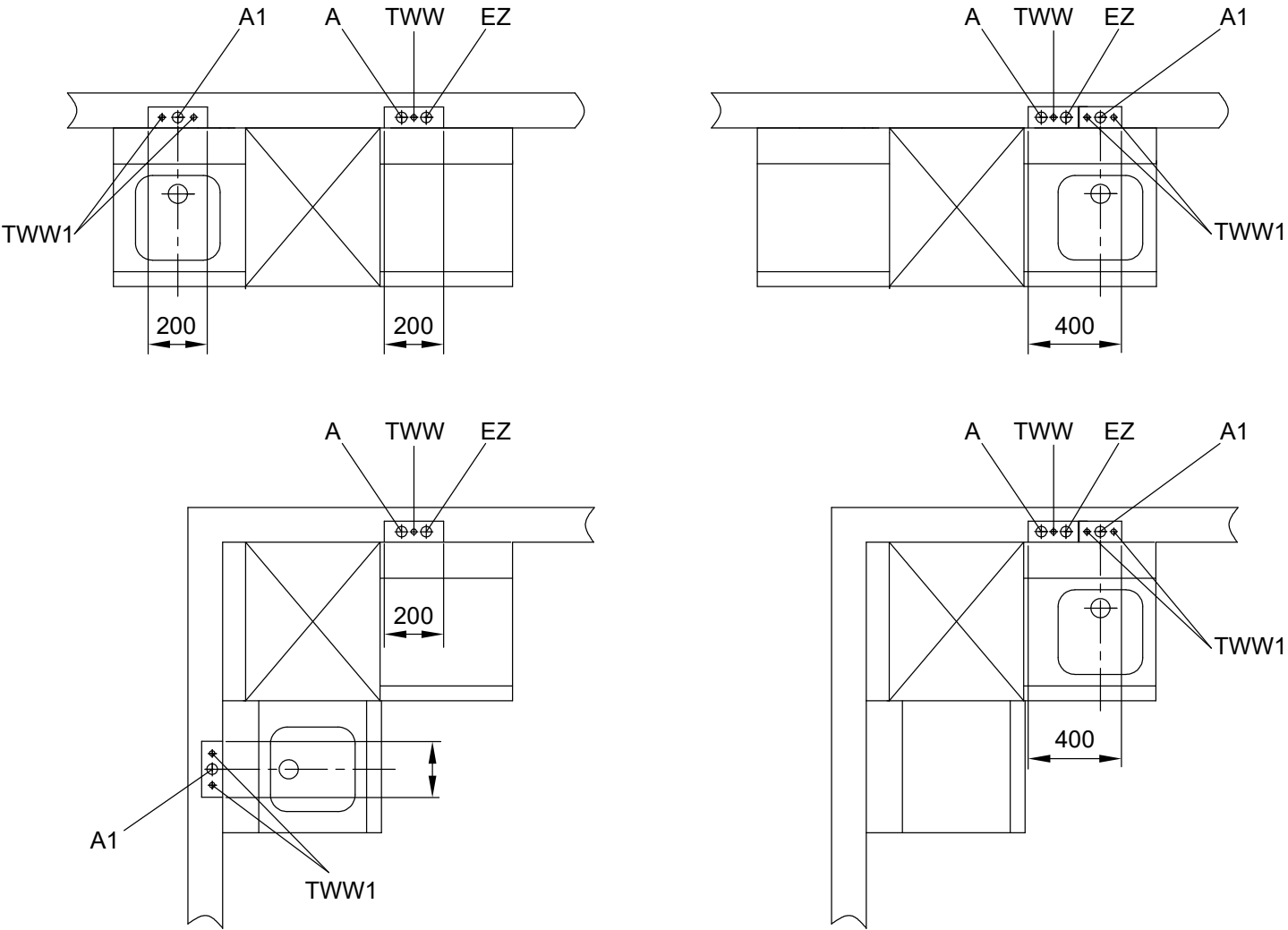
filtro; da installare fra il rubinetto dell'acqua e il tubo di carico



Schema di installazione

Suggerimento per i punti di installazione in loco

Le misure esatte devono essere stabilite tenendo conto delle condizioni del sito di installazione.



Pos.	Denominazione	Nota
A	Raccordo acqua di scarico della macchina	Per i dettagli vedere i “Requisiti per l’installazione in loco”
TWW	Raccordo dell’acqua di rete della macchina	
EZ	Scatola di collegamento elettrica a parete	
A1	Raccordo acqua di scarico del lavandino	Ø 50 mm con sifone ca. 300 mm sopra il pavimento finito
TWW1	Raccordo dell’acqua di rete rubinetteria	Filettatura esterna G ½“ fredda e calda (max. 60 °C) ca. 500 mm sopra il pavimento finito

Requisiti per l'installazione in loco

Raccordo dell'acqua di rete

Posizione	ca. 500 mm sopra il pavimento finito; a destra accanto alla macchina		
Versione	Valvola di arresto con filettatura esterna G ¾"		
Temperatura dell'acqua in entrata	PTD 901, PTD901 Lift	max. 60 °C	
	PTD 901 ECO, PTD 901 Lift ECO	max. 20 °C	
Qualità dell'acqua	L'acqua pulita deve essere potabile dal punto di vista microbiologico		
Durezza dell'acqua		Macchine senza addolcitore integrato	Macchine con addolcitore integrato
	PTD 901, PTD901 Lift	≤ 3 °dH (3,8 °e / 5,34 °TH / 0,54 mmol/l) Raccomandazione per prevenire la formazione di depositi di calcare nella lavastoviglie.	≤31 °dH (37,6 °e / 53,4 °TH / 5,35 mmol/l)
	PTD 901 ECO, PTD 901 Lift ECO	≤ 3 °dH (3,8 °e / 5,34 °TH / 0,54 mmol/l)	≤20 °dH (25,1 °e / 35,6 °TH / 3,58 mmol/l)
		Il collegamento all'acqua osmotica non è consentito a causa dei tubi in ra- me dello scambiatore di calore del vapore	
Pressione dinamica dell'acqua	PTD 901, PTD901 Lift	100 kPa (1,0 bar)	
	PTD 901 ECO, PTD 901 Lift ECO	150 kPa (1,5 bar)	
Pressione d'ingresso max. (pressione di ristagno)	1000 kPa (10,0 bar)		
Portata	min. 4 l/min		

Raccordo acqua di scarico

Posizione	max. 650 mm sopra il pavimento finito; a sinistra o a destra accanto alla macchina
Dimensione	Ø 40 mm o 50 mm con sifone

Allacciamento elettrico

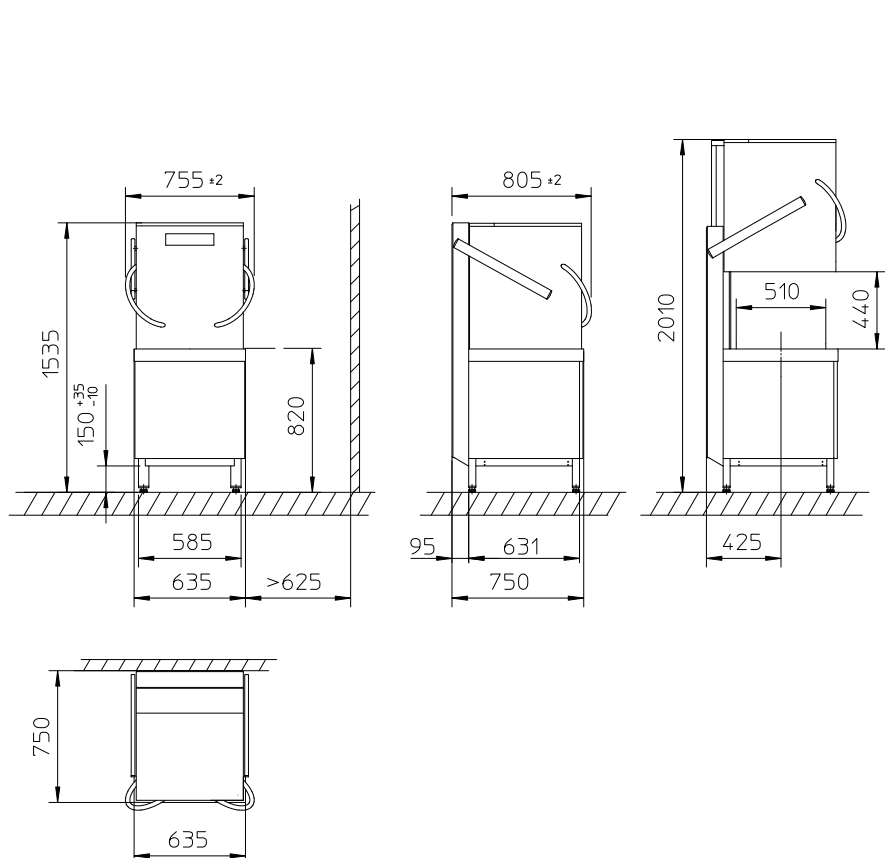
Posizione	max. 700 mm sopra il pavimento finito; a sinistra o a destra accanto alla macchina
Versione	Se nel luogo di installazione deve essere presente un interruttore differenziale di protezione, consi- gliamo di installare un interruttore differenziale di protezione sensibile a tutte le correnti del tipo B
Protezione	A seconda del valore totale di allacciamento della macchina (vedere tabella separata)
Sezione del cavo	A seconda del valore totale di allacciamento della macchina (vedere tabella separata)

Valori totali di allacciamento

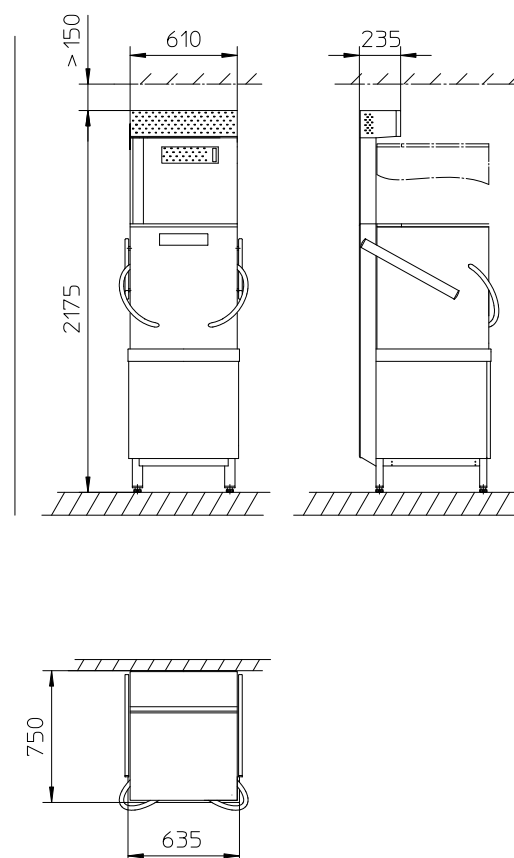
Tensione di rete	Protezione in loco [A]	Valore totale di allacciamento [kW]		Sezione del cavo [mm²]
		Riscaldamento boiler 6,4 kW	Riscaldamento boiler 10,8 KW	
380 V / 3N~ 50 Hz 380 V / 3N~ / 60 Hz	16	7,1	8,3	2,5
400 V / 3N~ / 50 Hz 400 V / 3N~ 60 Hz	16	7,9	9,1	2,5
	25	10,2	13,2	4
	32	-	14,7	6
415 V / 3N~ / 50 Hz 415 V / 3N~ / 60 Hz	15 / 16 / 20	8,4	9,7	2,5
	25	10,9	11,5	4
	32	-	15,7	6
200 V / 3~ / 50 Hz 200 V / 3~ / 60 Hz	25	6,6	7,1	4
	32	8,0	9,0	6
230 V / 3~ / 50 Hz 230 V / 3~ / 60 Hz	25	7,8	-	4
	32	10,1	-	6
230 V / 1N~ / 50 Hz 230 V / 1N~ / 60 Hz	32	6,9	-	6
240 V / 1N~ / 50 Hz 240 V / 1N~ / 60 Hz	25	5,1	-	4
	32	7,0	-	6
	40	9,0	-	10
	50	10,9	-	10

Afmetingen

PTD 901 PTD 901 LIFT

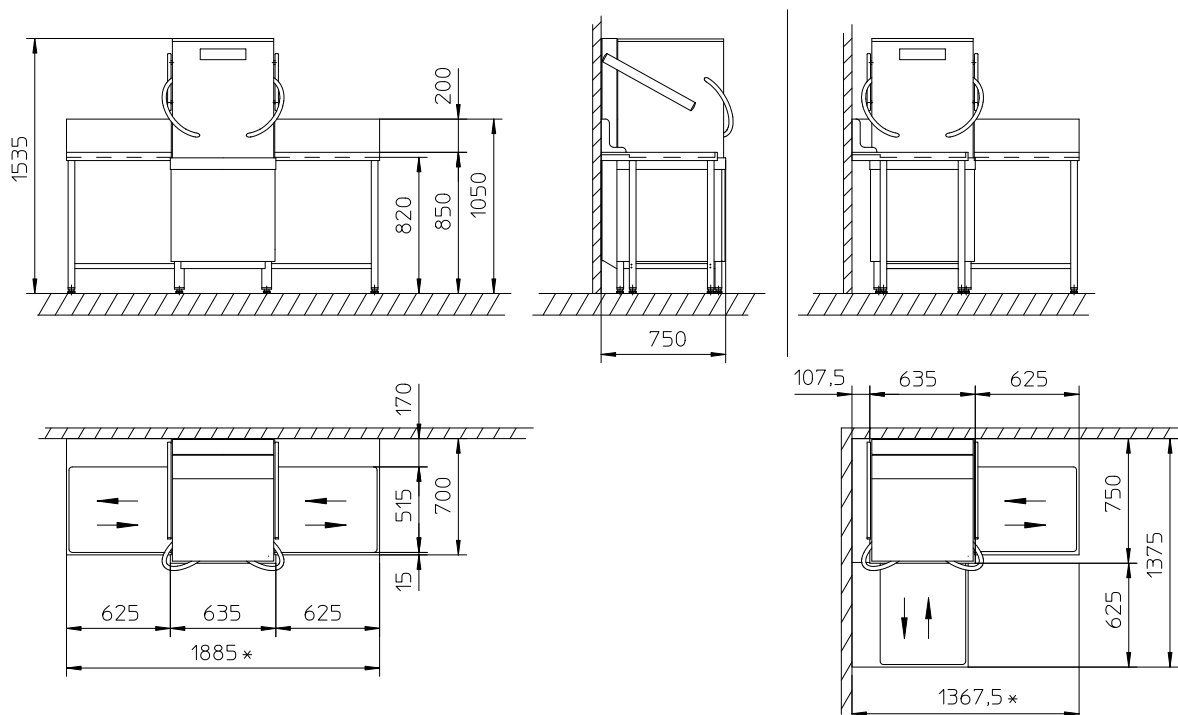


PTD 901 ECO PTD 901 LIFT ECO

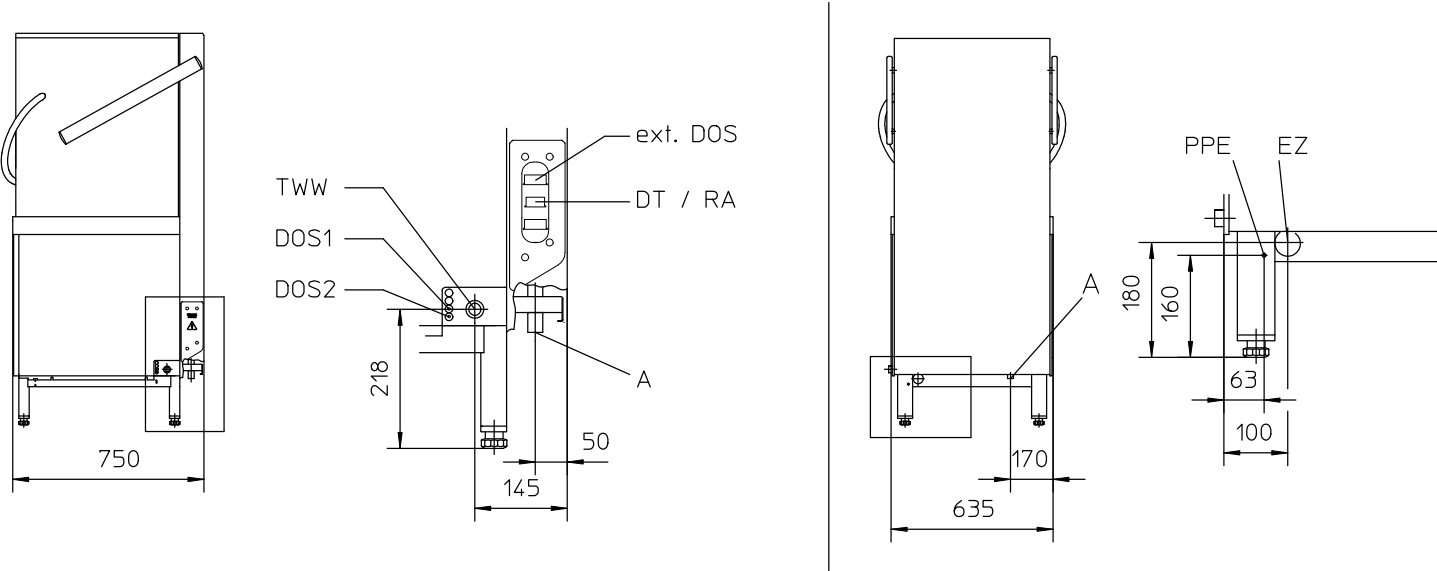


Afmetingen met tafels

Installatie tafeldiepte 700 mm



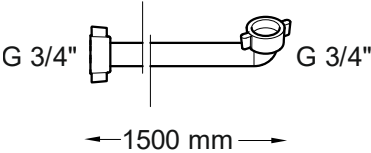
Positie van de aansluitingen op de machine



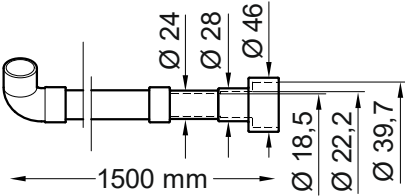
Pos.	Omschrijving
A	Aansluiting voor afvoerslang
TWW	Wateraansluiting G 3/4"
EZ	Invoer van de netaansluitkabel (in de machine is ca. 1,7 m nodig voor het plaatsen en aansluiten van de netaansluitkabel)
PPE	 Aansluiting voor bouwzijdig potentiaalnivelleringsysteem
DOS1	Aansluiting voor naglansmiddelslang
DOS2	Aansluiting voor reinigingsmiddelslang
ext. DOS	Aansluiting voor externe doseersystemen
DT / RA	Aansluiting voor zuiglansen (DT: reinigingsmiddel / RA: naglansmiddel)

Toebehoren

flexibele toevoerslang; aansluiten op punt TWW



flexibele afvoerslang; aansluiten op punt A



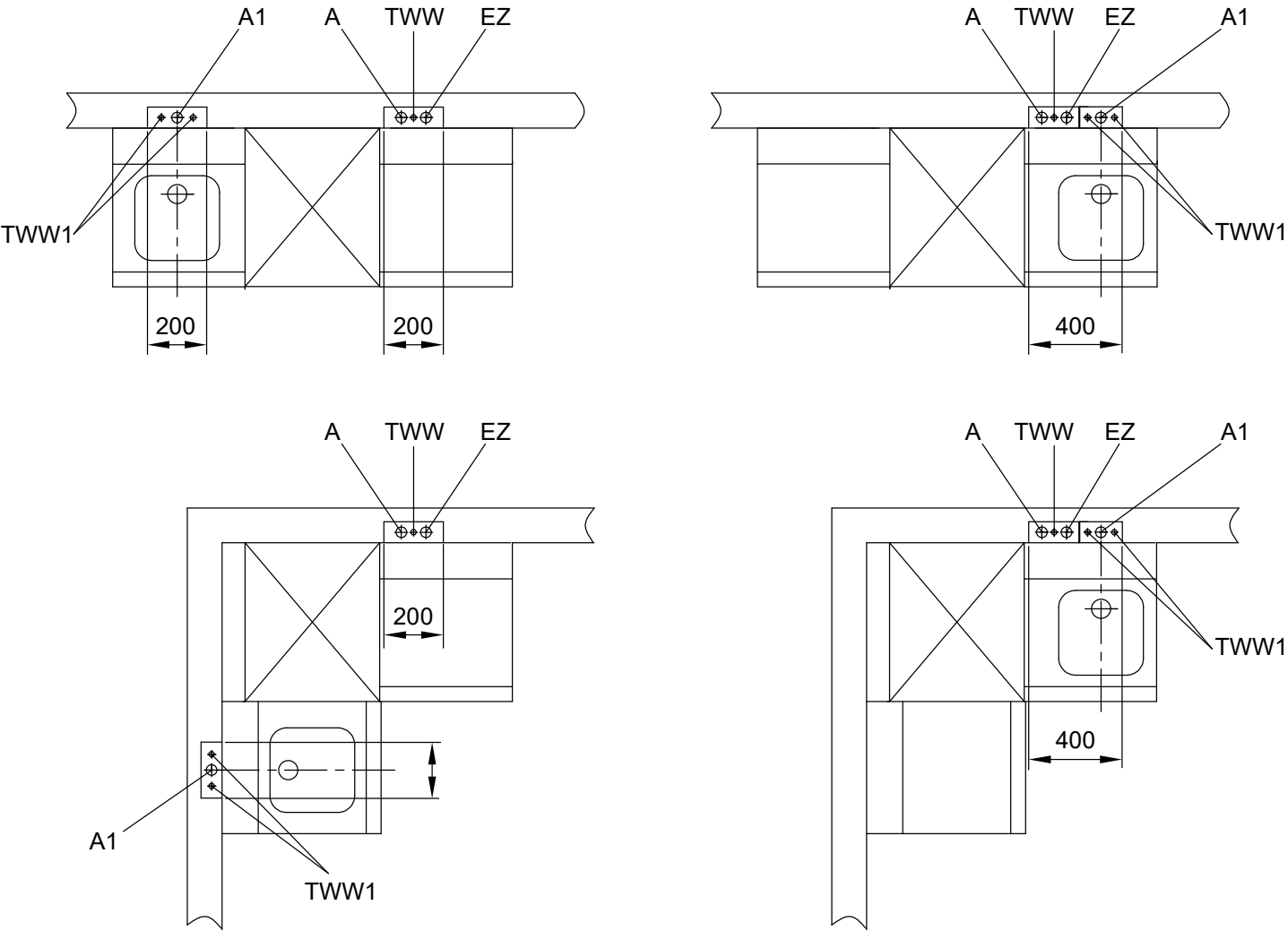
Vuilvergader; tussen waterkraan en toevoerslang inbouwen



Installatieschema

Suggestie voor de bouwzijdige installatiepunten

De exacte maten moeten met inachtneming van de bouwzijdige omstandigheden worden vastgelegd.



Pos.	Omschrijving	Opmerking
A	Afvoerwateraansluiting machine	Zie voor details "Eisen die bouwzijdig aan de installatie worden gesteld"
TWW	Schoonwateraansluiting machine	
EZ	Elektrische wandcontactdoos	
A1	Afvoerwateraansluiting spoelbak	Ø 50 mm met sifon ca. 300 mm boven afgewerkte vloer
TWW1	Schoonwateraansluiting waterarmatuur	G ½" buitendraad koud en warm (max. 60 °C) ca. 500 mm boven afgewerkte vloer

Eisen die bouwzijdig aan de installatie worden gesteld

Aansluiting schoon water

Positie	ca. 500 mm boven afgewerkte vloer, rechts naast de machine		
Uitvoering	Kraan met G ¾" buitendraad		
Toevoerwatertemperatuur	PTD 901, PTD901 Lift	max. 60 °C	
	PTD 901 ECO, PTD 901 Lift ECO	max. 20 °C	
Waterkwaliteit	Het schone water moet in microbiologisch opzicht van drinkwaterkwaliteit zijn		
Waterhardheid		Machines zonder ingebouwde ontharder	Machines met ingebouwde ontharder
	PTD 901, PTD901 Lift	≤ 3 °dH (3,8 °e / 5,34 °TH / 0,54 mmol/l) Aanbeveling, zodat de vaatwasmachine niet verkalkt.	≤ 31 °dH (37,6 °e / 53,4 °TH / 5,35 mmol/l)
	PTD 901 ECO, PTD 901 Lift ECO	≤ 3 °dH (3,8 °e / 5,34 °TH / 0,54 mmol/l)	≤ 20 °dH (25,1 °e / 35,6 °TH / 3,58 mmol/l)
		Aansluiting op osmosewater is met het oog op de koperleidingen in de afvoerlucht-warmtewisselaar niet toegestaan.	
Dynamische waterdruk	PTD 901, PTD901 Lift	100 kPa (1,0 bar)	
	PTD 901 ECO, PTD 901 Lift ECO	150 kPa (1,5 bar)	
Max. waterdruk (statische waterdruk)	1000 kPa (10,0 bar)		
Doorstroomhoeveelheid	min. 4 l/min		

Afvoerwateraansluiting

Positie	max. 650 mm boven afgewerkte vloer; links of rechts naast de machine
Afmeting	Ø 40 of 50 mm met sifon

Elektrische aansluiting

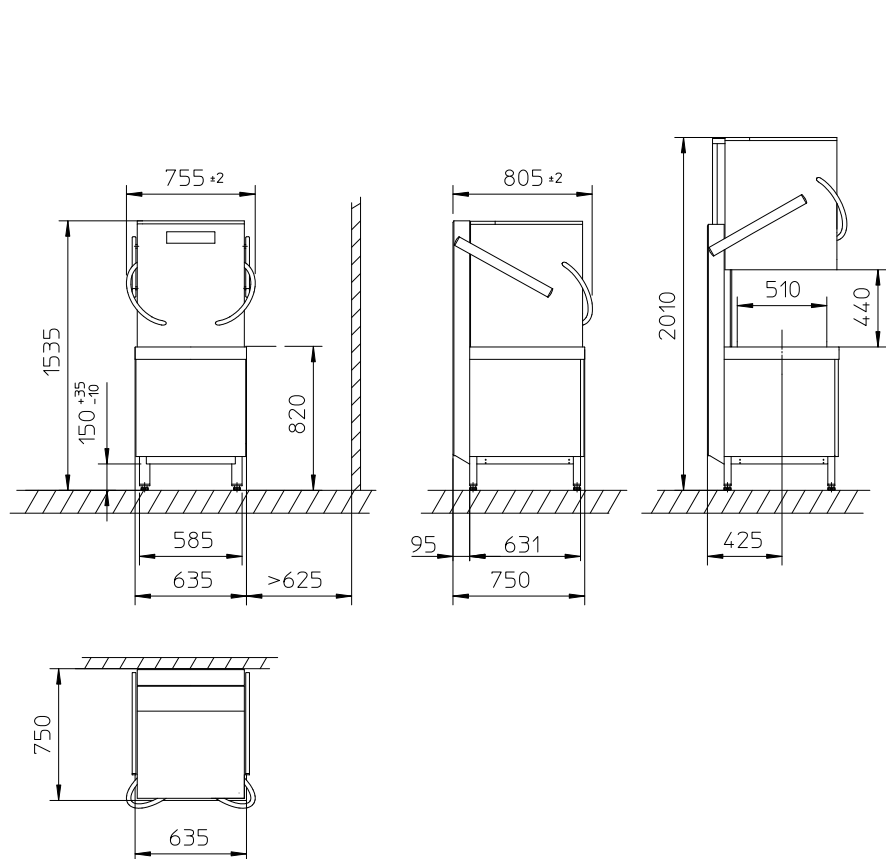
Positie	ca. 700 mm boven afgewerkte vloer; links of rechts naast de machine
Uitvoering	Indien bouwzijdig een aardlekschakelaar wordt aangelegd, adviseren wij de installatie van een aardlekschakelaar die gevoelig is voor alle stromen van klasse B
Afzekering	Afhankelijk van de totale aansluitwaarde van de machine (zie aparte tabel)
Leidingkabel dwarsdoorsnede	Afhankelijk van de totale aansluitwaarde van de machine (zie aparte tabel)

Totale aansluitwaarden

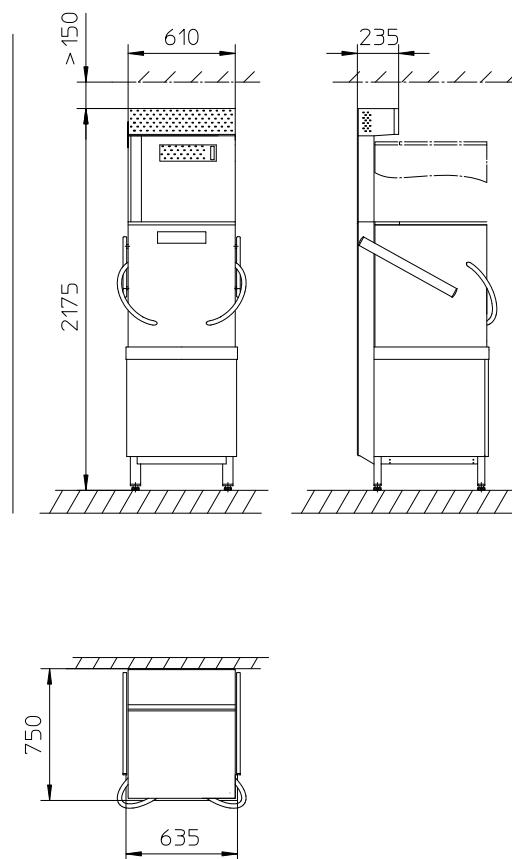
Netspanning	Bouwzijdige afzekering [A]	Totale aansluitwaarde [kW]		Leidingkabel dwarsdoorsnede [mm²]
		Boilerverwarming 6,4 kW	Boilerverwarming 10,8 kW	
380 V / 3N~ / 50 Hz	16	7,1	8,3	2,5
380 V / 3N~ / 60 Hz				
400 V / 3N~ / 50 Hz	16	7,9	9,1	2,5
400 V / 3N~ / 60 Hz	25	10,2	13,2	4
	32	-	14,7	6
415 V / 3N~ / 50 Hz	15 / 16 / 20	8,4	9,7	2,5
415 V / 3N~ / 60 Hz	25	10,9	11,5	4
	32	-	15,7	6
200 V / 3~ / 50 Hz	25	6,6	7,1	4
200 V / 3~ / 60 Hz	32	8,0	9,0	6
230 V / 3~ / 50 Hz	25	7,8	-	4
230 V / 3~ / 60 Hz	32	10,1	-	6
230 V / 1N~ / 50 Hz	32	6,9	-	6
230 V / 1N~ / 60 Hz				
240 V / 1N~ / 50 Hz	25	5,1	-	4
240 V / 1N~ / 60 Hz	32	7,0	-	6
	40	9,0	-	10
	50	10,9	-	10

Διαστάσεις

PTD 901 PTD 901 LIFT

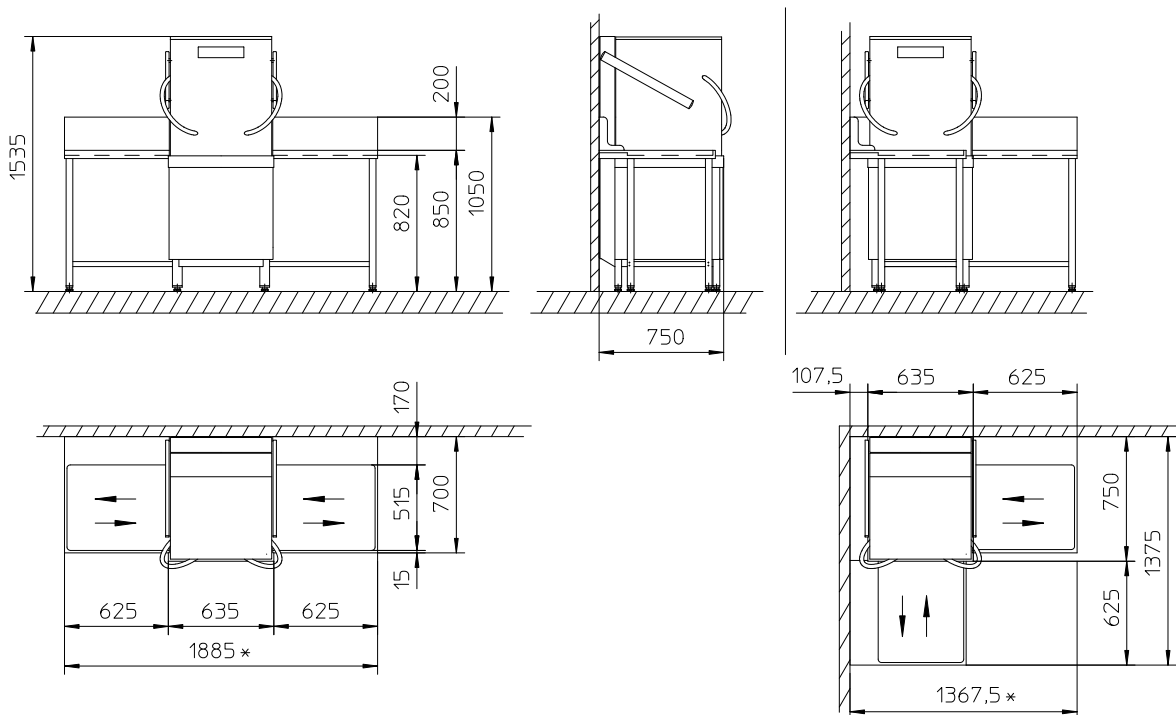


PTD 901 ECO PTD 901 LIFT ECO

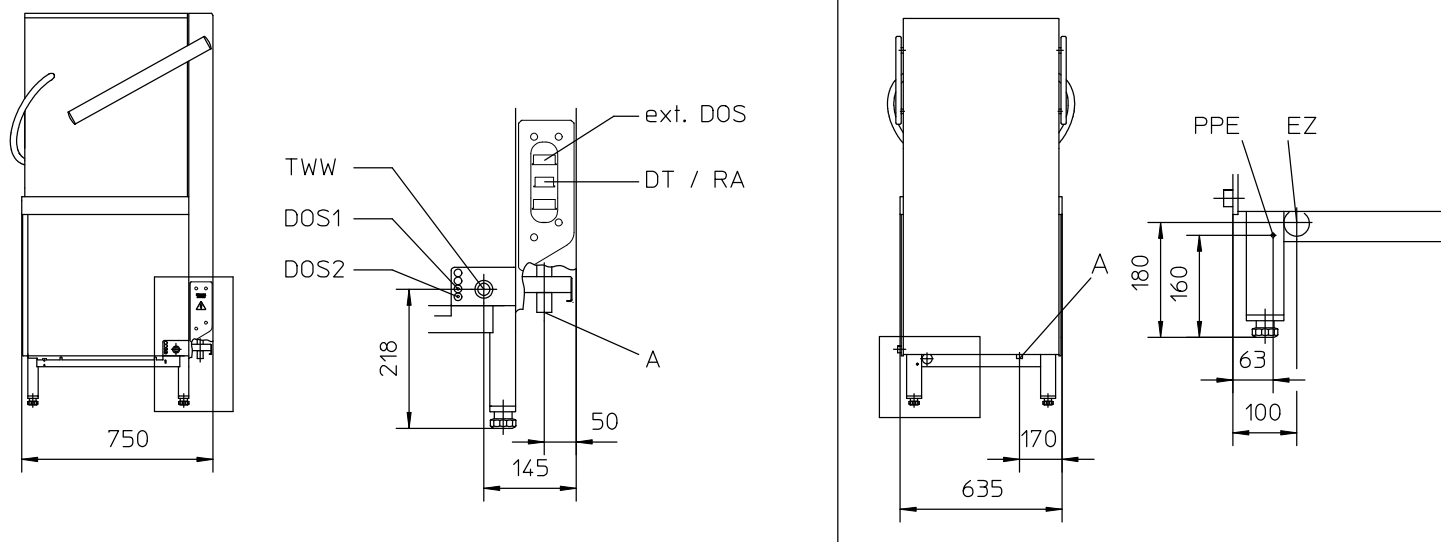


Διαστάσεις με πάγκους

Τοποθέτηση Βάθος πάγκου 700 mm



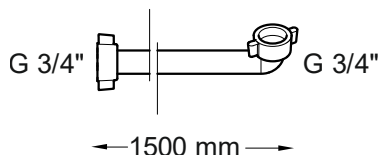
Θέση των συνδέσεων στο μηχάνημα



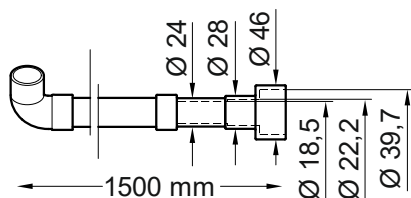
Θέση	Ονομασία
A	Σύνδεση με σωλήνα αποχέτευσης
TWW	Σύνδεση νερού G 3/4"
EZ	Είσοδος για καλώδιο τροφοδοσίας ρεύματος (εντός του μηχανήματος χρειάζονται περ. 1,7 m για την τοποθέτηση και τη σύνδεση του καλωδίου τροφοδοσίας ρεύματος)
PPE	 Σύνδεση για το διαθέσιμο στον χώρο εγκατάστασης σύστημα ισοδυναμικής σύνδεσης
DOS1	Σύνδεση σωλήνα γυαλιστικού
DOS2	Σύνδεση σωλήνα απορρυπαντικού
εξωτ. DOS	Σύνδεση για εξωτερικές συσκευές δοσομέτρησης
DT / RA	Σύνδεση για σωλήνες αναρρόφησης (DT: απορρυπαντικό / RA: γυαλιστικό)

Αξεσουάρ

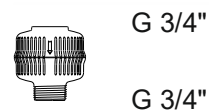
Σωλήνας τροφοδοσίας, συνδέστε στο σημείο TWW



Σωλήνας αποχέτευσης, συνδέστε στο σημείο A



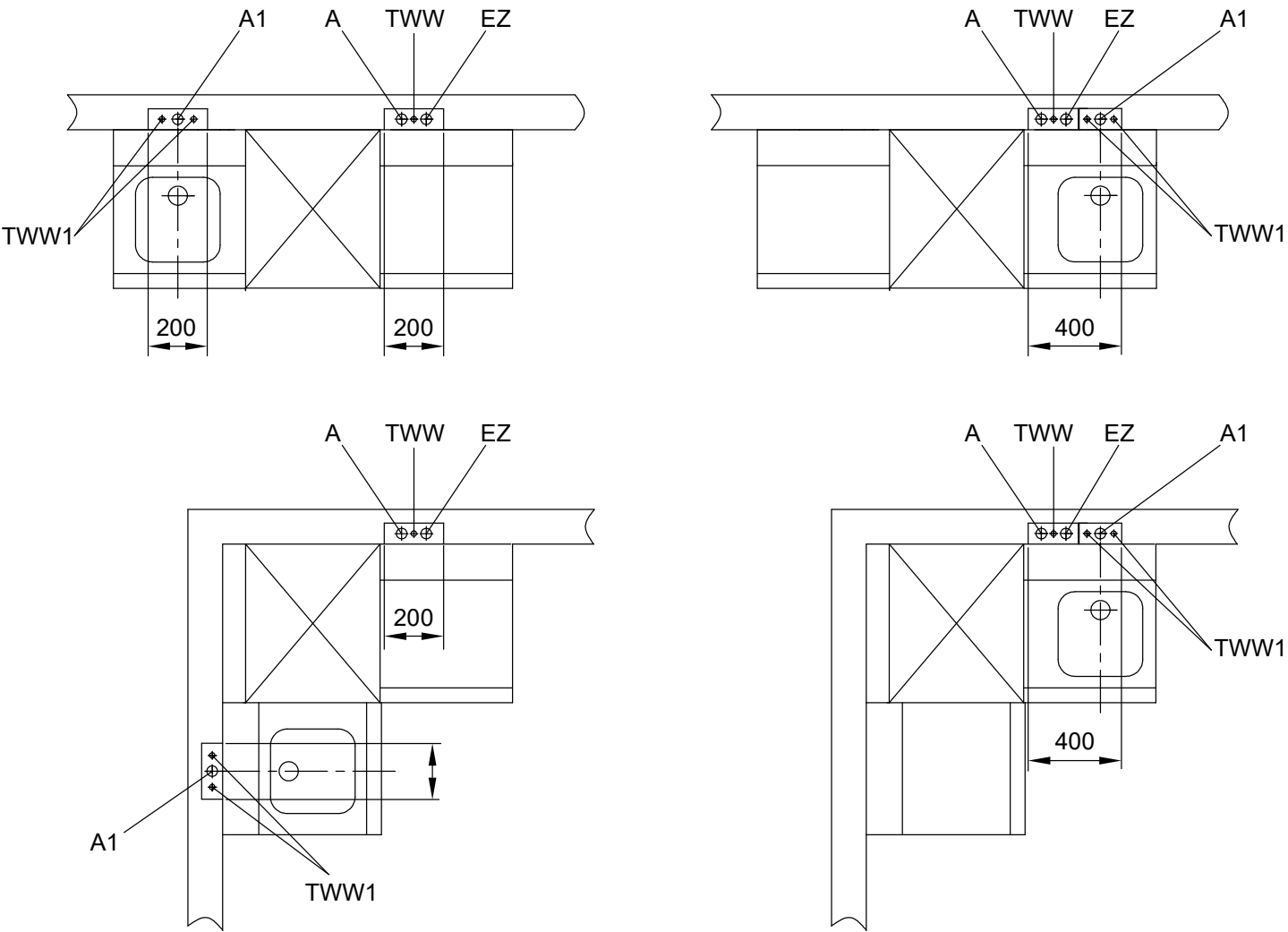
Διάταξη συλλογής ακαθαρσιών, εγκαταστήστε μεταξύ βάνας απομόνωσης νερού και σωλήνα τροφοδοσίας



Σχέδιο εγκατάστασης

Πρόταση για τα διαθέσιμα στον χώρο σημεία εγκατάστασης

Οι ακριβείς διαστάσεις πρέπει να καθοριστούν λαμβάνοντας υπόψη τα δεδομένα του χώρου εγκατάστασης.



Θέση	Ονομασία	Σχόλιο
A	Σύνδεση αποχέτευσης μηχανήματος	Για λεπτομέρειες βλ. «Απαιτήσεις για την υφιστάμενη εγκατάσταση»
TWW	Σύνδεση καθαρού νερού μηχανήματος	
EZ	Υποδοχή επιτοίχιας σύνδεσης ρεύματος	
A1	Σύνδεση αποχέτευσης νεροχύτη	Ø 50 mm με σιφόνι περ. 300 mm επάνω από το έτοιμο δάπεδο
TWW1	Σύνδεση καθαρού νερού βρύση	Εξωτερικό σπείρωμα G ½" κρύο και ζεστό (έως 60 °C) περ. 500 mm επάνω από το έτοιμο δάπεδο

Απαιτήσεις για την υφιστάμενη εγκατάσταση

Σύνδεση καθαρού νερού

Θέση	περ. 500 mm πάνω από το τελειωμένο δάπεδο, δεξιά δίπλα από το μηχάνημα		
Έκδοση	Βαλβίδα απομόνωσης με εξωτερικό σπείρωμα G ¾"		
Θερμοκρασία νερού εισόδου	PTD 901, PTD901 Lift	μέγ. 60 °C	
	PTD 901 ECO, PTD 901 Lift ECO	μέγ. 20 °C	
Ποιότητα νερού	Το καθαρό νερό πρέπει, από μικροβιολογικής άποψης, να έχει ποιότητα πόσιμου νερού		
Σκληρότητα νερού		Μηχανήματα χωρίς ενσωματωμένο αποσκληρυντή	Μηχανήματα με ενσωματωμένο αποσκληρυντή
	PTD 901, PTD901 Lift	≤ 3 °dH (3,8 °e / 5,34 °TH / 0,54 mmol/l) Σύσταση προς αποφυγή συσσώρευσης αλάτων στο πλυντήριο πιάτων.	≤ 31 °dH (37,6 °e / 53,4 °TH / 5,35 mmol/l)
	PTD 901 ECO, PTD 901 Lift ECO	≤ 3 °dH (3,8 °e / 5,34 °TH / 0,54 mmol/l)	≤ 20 °dH (25,1 °e / 35,6 °TH / 3,58 mmol/l)
		Δεν επιτρέπεται η σύνδεση σε νερό ώσμωσης λόγω των χάλκινων σωλήνων του εναλλάκτη θερμότητας απαγομένου αέρα.	
Πίεση ροής νερού	PTD 901, PTD901 Lift	100 kPa (1,0 bar)	
	PTD 901 ECO, PTD 901 Lift ECO	150 kPa (1,5 bar)	
Μέγιστη πίεση εισόδου (πίεση ανακοπής)	1000 kPa (10,0 bar)		
Ρυθμός ροής	ελάχ. 4 l/min		

Σύνδεση αποχέτευσης

Θέση	μέγ. 650 mm πάνω από το τελειωμένο δάπεδο, αριστερά ή δεξιά δίπλα από το μηχάνημα
Διαστάσεις	Ø 40 ή 50 mm με σιφόνι

Ηλεκτρική σύνδεση

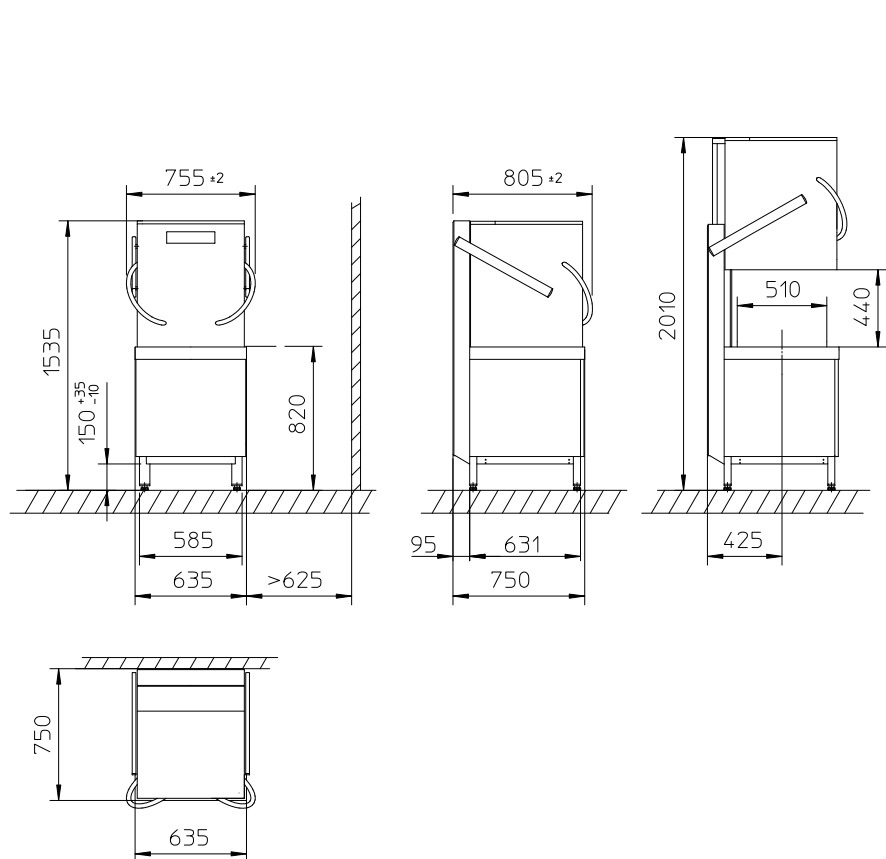
Θέση	περ. 700 mm πάνω από το τελειωμένο δάπεδο, αριστερά ή δεξιά δίπλα από το μηχάνημα
Έκδοση	Εάν στον χώρο εγκατάστασης υπάρχει πρόβλεψη για ρελέ διαρροής ρεύματος, συνιστούμε την εγκατάσταση ενός ρελέ διαρροής ρεύματος τύπου B με ευαισθησία σε όλα τα ρεύματα
Ασφάλεια παροχής	Εξαρτάται από τη συνολική τιμή σύνδεσης του μηχανήματος (βλ. ξεχωριστό πίνακα)
Διατομή καλωδίου	Εξαρτάται από τη συνολική τιμή σύνδεσης του μηχανήματος (βλ. ξεχωριστό πίνακα)

Συνολικές τιμές σύνδεσης

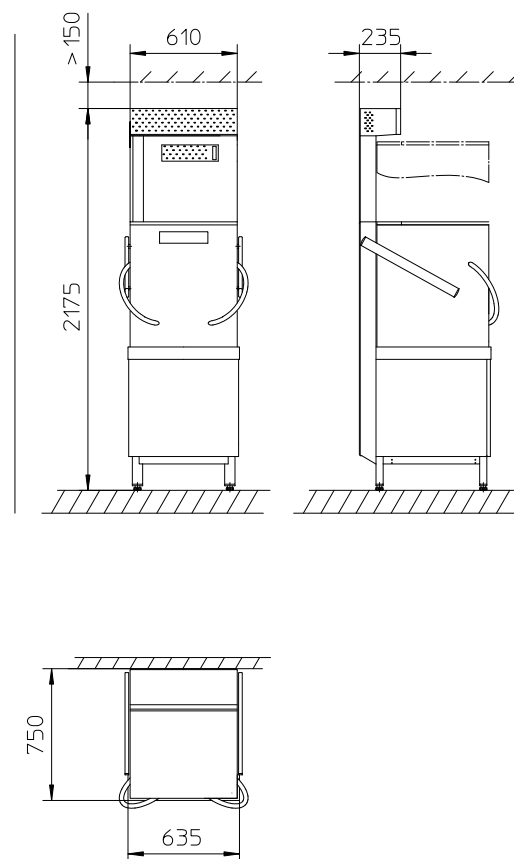
Τάση δικτύου	Διαθέσιμη στον χώρο εγκατάστασης ασφάλεια παροχής [A]	Συνολική τιμή σύνδεσης [kW]		Διατομή καλωδίου [mm²]
		Θέρμανση λέβητα 6,4 kW	Θέρμανση λέβητα 10,8 kW	
380 V / 3N~ / 50 Hz	16	7,1	8,3	2,5
380 V / 3N~ / 60 Hz				
400 V / 3N~ / 50 Hz	16	7,9	9,1	2,5
400 V / 3N~ / 60 Hz	25	10,2	13,2	4
	32	-	14,7	6
415 V / 3N~ / 50 Hz	15 / 16 / 20	8,4	9,7	2,5
415 V / 3N~ / 60 Hz	25	10,9	11,5	4
	32	-	15,7	6
200 V / 3~ / 50 Hz	25	6,6	7,1	4
200 V / 3~ / 60 Hz	32	8,0	9,0	6
230 V / 3~ / 50 Hz	25	7,8	-	4
230 V / 3~ / 60 Hz	32	10,1	-	6
230 V / 1N~ / 50 Hz	32	6,9	-	6
230 V / 1N~ / 60 Hz				
240 V / 1N~ / 50 Hz	25	5,1	-	4
240 V / 1N~ / 60 Hz	32	7,0	-	6
	40	9,0	-	10
	50	10,9	-	10

Dimensioner

PTD 901 PTD 901 LIFT

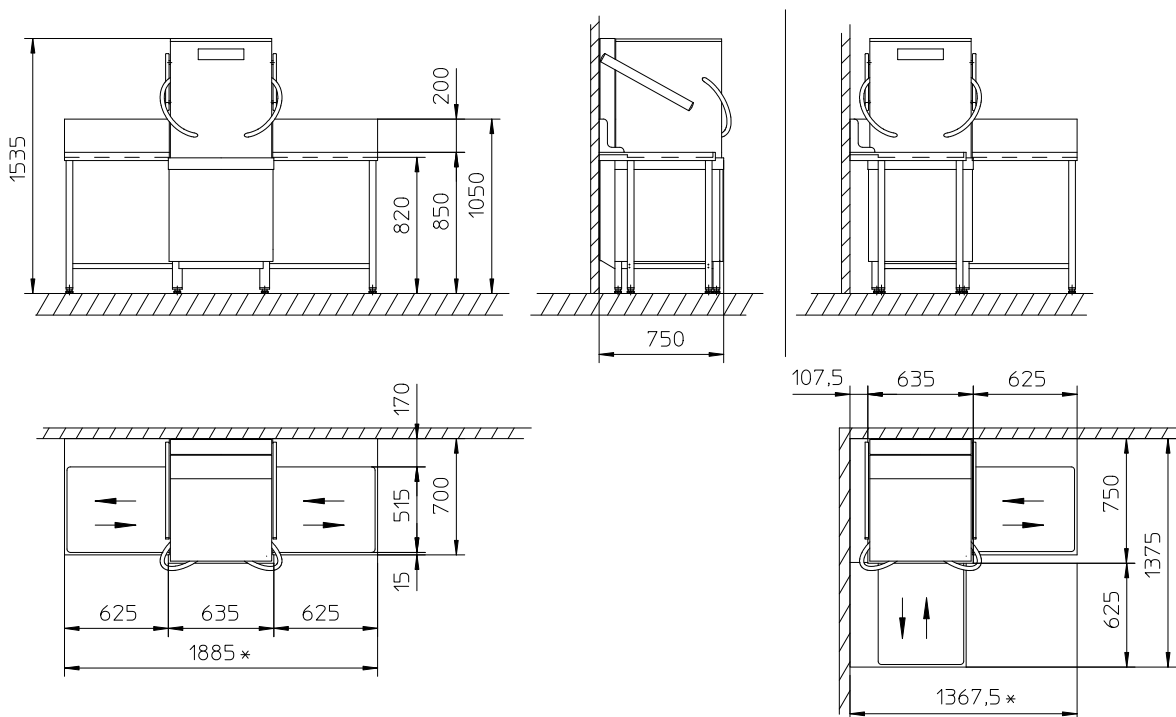


PTD 901 ECO PTD 901 LIFT ECO

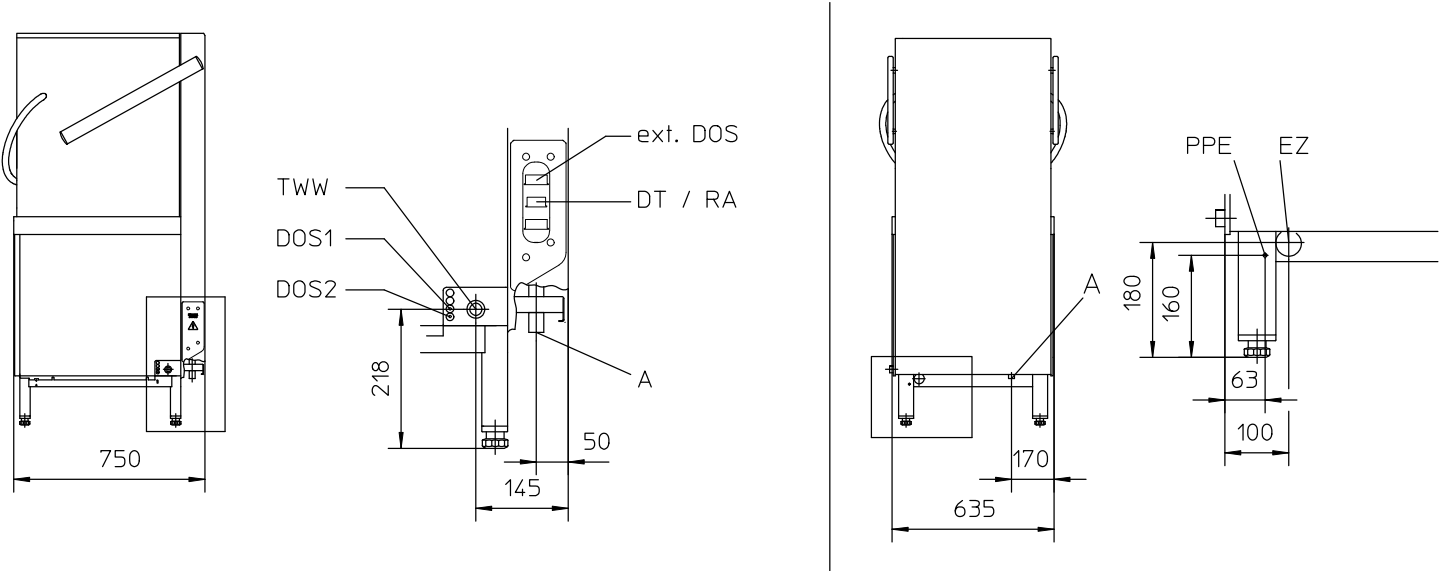


Dimensioner med borde

Installation borddybde 700 mm



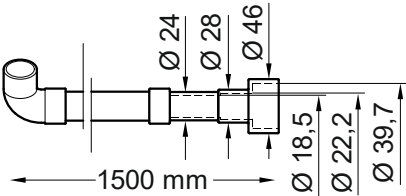
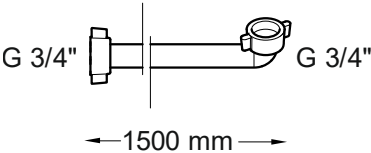
Tilslutningernes placering på maskinen



Pos.	Betegnelse
A	Tilslutning til afløbsslange
TWW	Vandtilslutning G 3/4"
EZ	Indføring til lysnetledning (inde i maskinen behøver man ca. 1,7 m for at lægge og tilslutte lysnetledningen)
PPE	 Tilslutning til stedets potentialudligningssystem
DOS1	Tilslutning til afspændingsmiddelslange
DOS2	Tilslutning til vaskemiddelslange
ekst. DOS	Tilslutning til eksterne doseringsapparater
DT / RA	Tilslutning til sugelanser (DT: vaskemiddel / RA: afspændingsmiddel)

Tilbehør

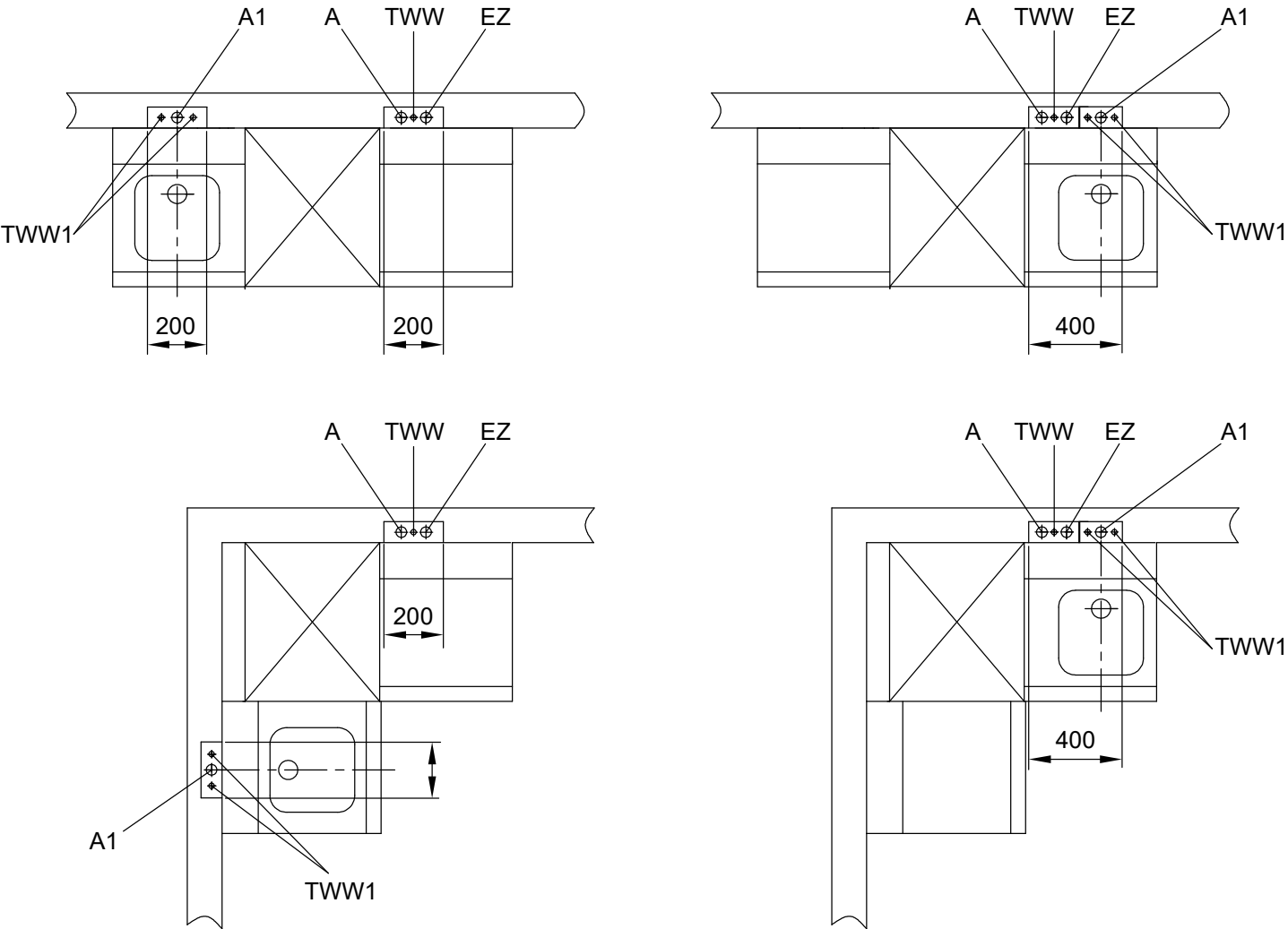
fleksibel tilløbsslange; tilsluttes ved punkt TWW fleksibel afløbsslange; tilsluttes ved punkt A smudsfanger; indbygges mellem vandafbry-
derventil og tilløbsslange



Installationsplan

Forslag til installationspunkter på bygningssiden

De nøjagtige mål skal bestemmes under hensyntagen til bygningsforholdene.



Pos.	Betegnelse	Bemærkning
A	Afløbstilslutning maskine	For detaljer, se „Krav til installationen på bygningssiden“
TWW	Ferskvandstilslutning maskine	
EZ	Elektrisk vægtstilslutningsdåse	
A1	Afløbstilslutning vaskekumme	Ø 50 mm med sifon ca. 300 mm over det færdige gulv
TWW1	Ferskvandstilslutning vandarmatur	G ½" ydre gevind koldt og varmt (maks. 60 °C) ca. 500 mm over det færdige gulv

Krav til vandtilslutningen på stedet

Ferskvandstilslutning

Position	ca. 500 mm over det færdige gulv, til højre for maskinen		
Model	Afspærringsventil med G ¾" ydre gevind		
Vandtilførselstemperatur	PTD 901, PTD901 LIFT	maks. 60 °C	
	PTD 901 ECO, PTD 901 Lift ECO	maks. 20 °C	
Vandkvalitet	Mikrobiologisk skal ferskvandet have drikkevandskvalitet		
Vandets hårdhed		Maskiner uden indbygget blødgøringsanlæg	Maskiner med indbygget blødgøringsanlæg
	PTD 901, PTD901 LIFT	≤ 3 °dH (3,8 °e / 5,34 °TH / 0,54 mmol/l) Anbefaling, så opvaskemaskinen ikke kal- ker til.	≤ 31 °dH (37,6 °e / 53,4 °TH / 5,35 mmol/l)
	PTD 901 ECO, PTD 901 Lift ECO	≤ 3 °dH (3,8 °e / 5,34 °TH / 0,54 mmol/l)	≤ 20 °dH (25,1 °e / 35,6 °TH / 3,58 mmol/l)
		Tilslutning til osmosevand er ikke tilladt, da afgangsluftvarmeveksleren er udstyret med kobberrør	
Vandstrømningstryk	PTD 901, PTD901 LIFT	100 kPa (1,0 bar)	
	PTD 901 ECO, PTD 901 Lift ECO	150 kPa (1,5 bar)	
Maks. indgangstryk (dæmningstryk)	1000 kPa (10,0 bar)		
Gennemløbsmængde	min. 4 l/min		

Afløbstilslutning

Position	max. 650 mm over det færdige gulv, til venstre eller til højre for maskinen
Dimensioner	Ø 40 eller 50 mm med sifon

Elektrisk tilslutning

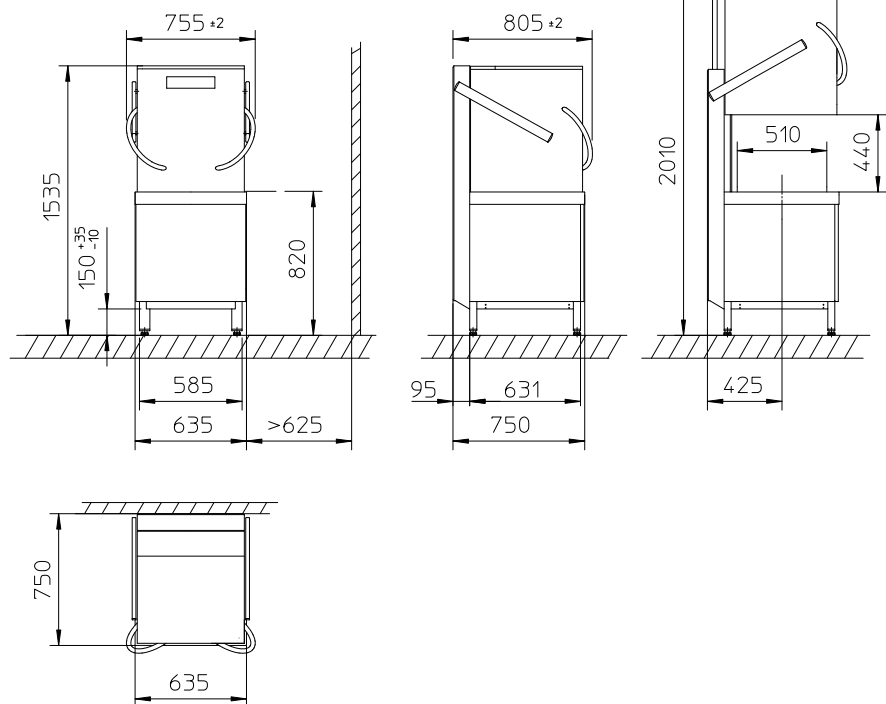
Position	ca. 700 mm over det færdige gulv, til venstre eller til højre for maskinen
Model	Hvis der er planlagt en fejlstrømsafbryder på stedet, anbefaler vi installation af en universalstrømføl- som fejlstrøm-sikkerhedsafbryder i klasse B
Sikring	Afhængigt af maskinens samlede tilslutningsværdi (se separat tabel)
Ledningstværsnit	Afhængigt af maskinens samlede tilslutningsværdi (se separat tabel)

Samlede tilslutningsværdier

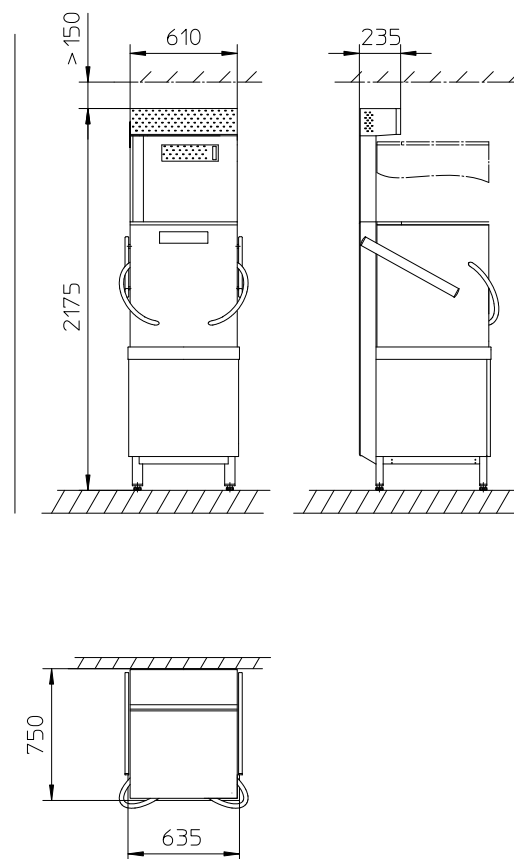
Lysnetspænding	Sikringer på stedet [A]	Samlet tilslutningsværdi [kW]		Ledningstværsnit [mm²]
		Varmtvandsbehol- der-opvarmning 6,4 kW	Varmtvandsbehol- der-opvarmning 10,8 kW	
380 V / 3N~ / 50 Hz	16	7,1	8,3	2,5
380 V / 3N~ / 60 Hz				
400 V / 3N~ / 50 Hz	16	7,9	9,1	2,5
400 V / 3N~ / 60 Hz	25	10,2	13,2	4
	32	-	14,7	6
415 V / 3N~ / 50 Hz	15 / 16 / 20	8,4	9,7	2,5
415 V / 3N~ / 60 Hz	25	10,9	11,5	4
	32	-	15,7	6
200 V / 3~ / 50 Hz	25	6,6	7,1	4
200 V / 3~ / 60 Hz	32	8,0	9,0	6
230 V / 3~ / 50 Hz	25	7,8	-	4
230 V / 3~ / 60 Hz	32	10,1	-	6
230 V / 1N~ / 50 Hz	32	6,9	-	6
230 V / 1N~ / 60 Hz				
240 V / 1N~ / 50 Hz	25	5,1	-	4
240 V / 1N~ / 60 Hz	32	7,0	-	6
	40	9,0	-	10
	50	10,9	-	10

Dimensjoner

PTD 901 PTD 901 LIFT

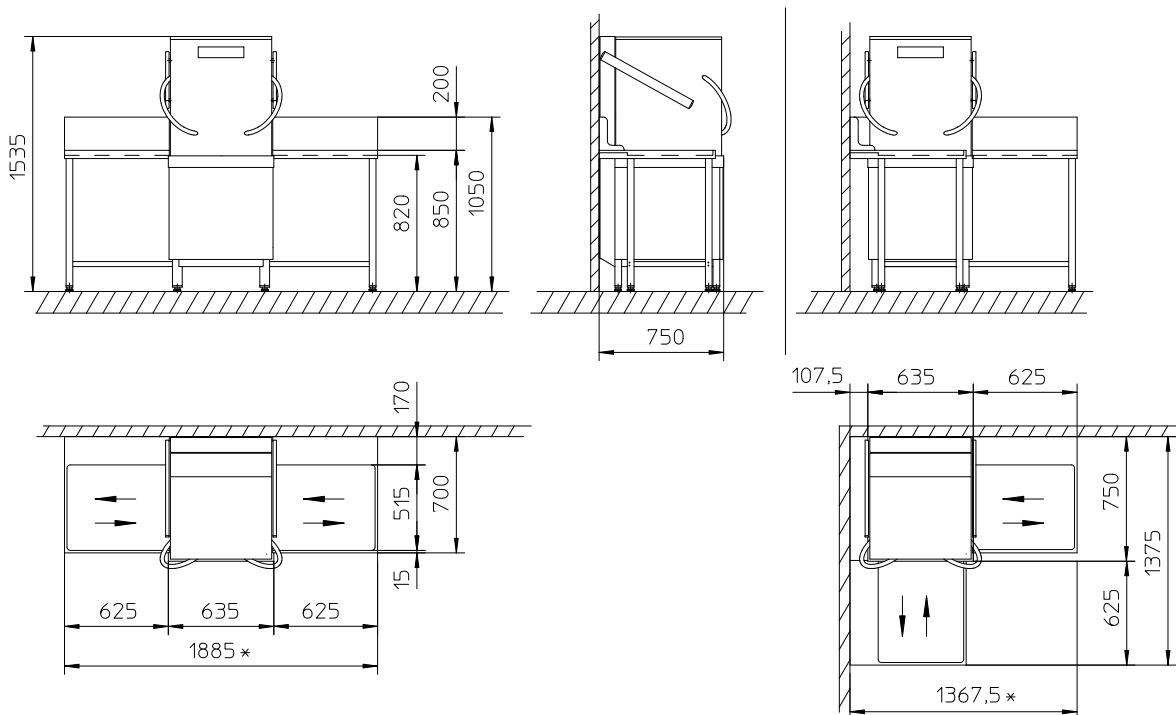


PTD 901 ECO PTD 901 LIFT ECO

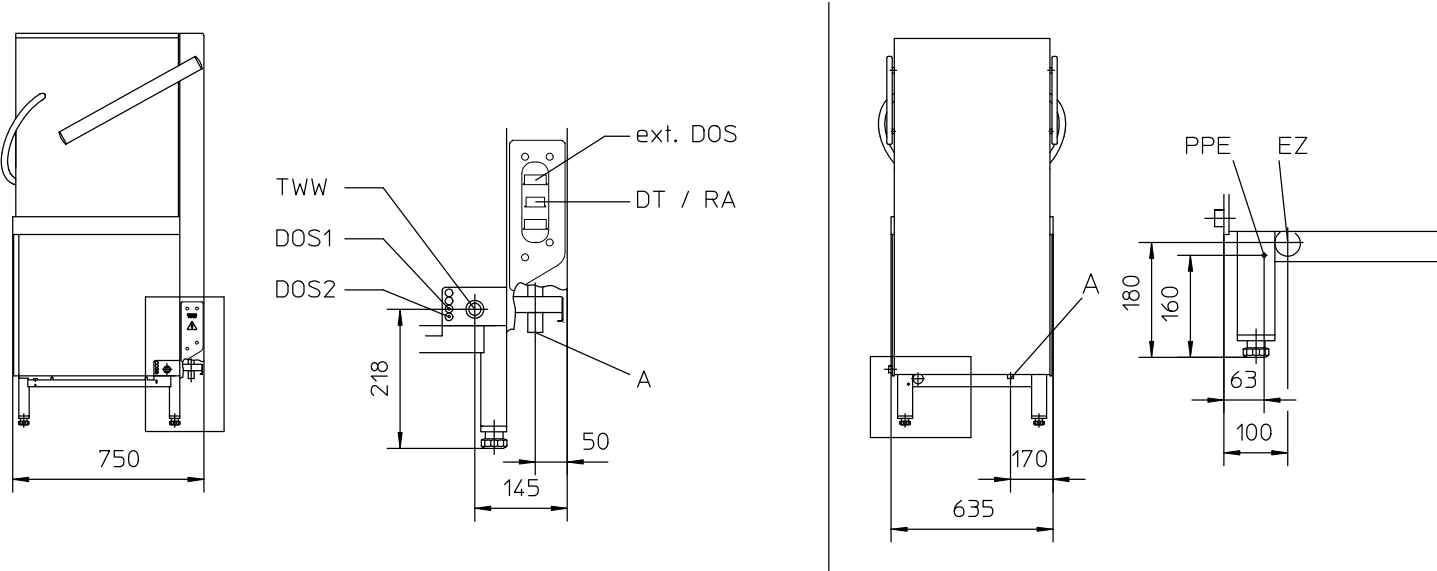


Dimensjoner med bord

Oppstilling borddybde 700 mm



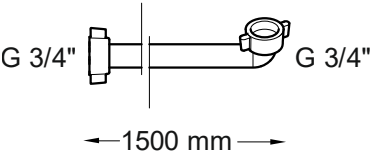
Posisjonen til maskinens tilkoblinger



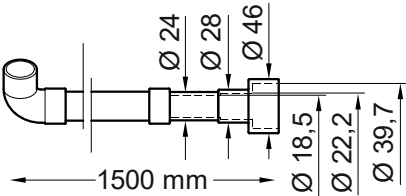
Pos.	Betegnelse
A	Tilkobling for avløpsslange
TWW	Vannforsyning G ¾ tommer
EZ	Inngang til strømkabel (i maskinen trenger man ca. 1,7 m for å strekke og koble til strømkabelen)
PPE	 Tilkobling til potensialutjevningssystem på stedet
DOS1	Tilkobling for glansemiddelslange
DOS2	Tilkobling for oppvaskmiddelslange
ekst. DOS	Tilkobling for eksterne doseringsenheter
DT / RA	Tilkobling for sugelanser (DT: oppvaskmiddel / RA: glansemiddel)

Tilbehør

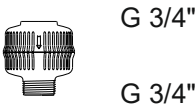
Fleksibel inntaksslange; kobles til punkt TWw



fleksibel avløpsslange; kobles til punkt A



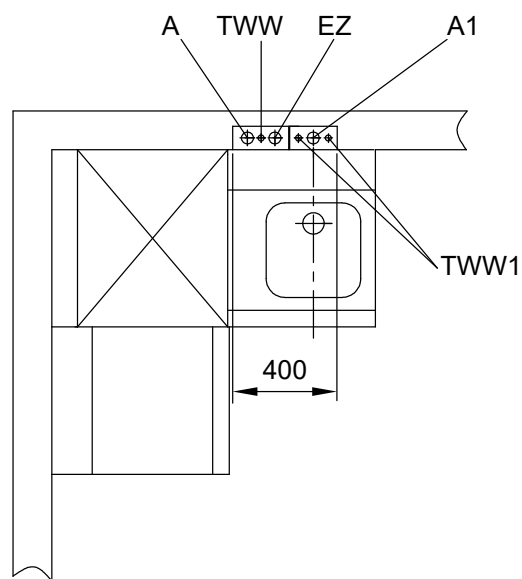
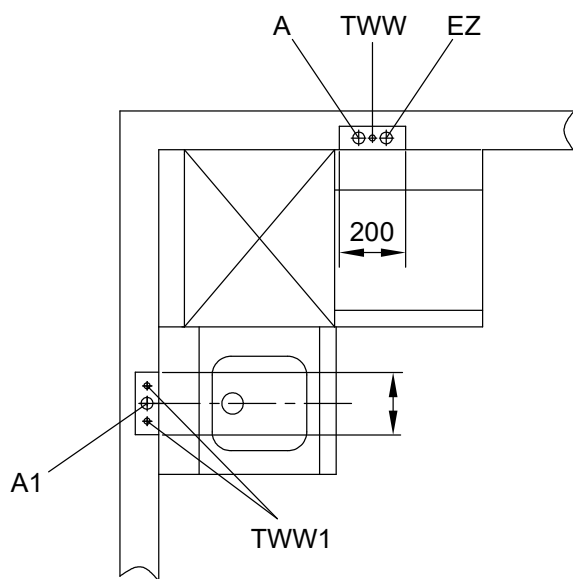
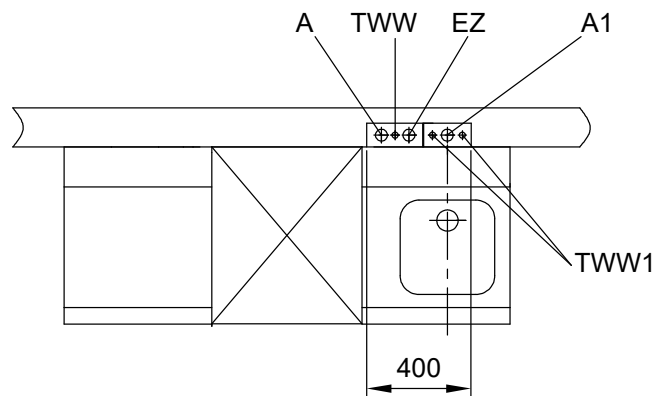
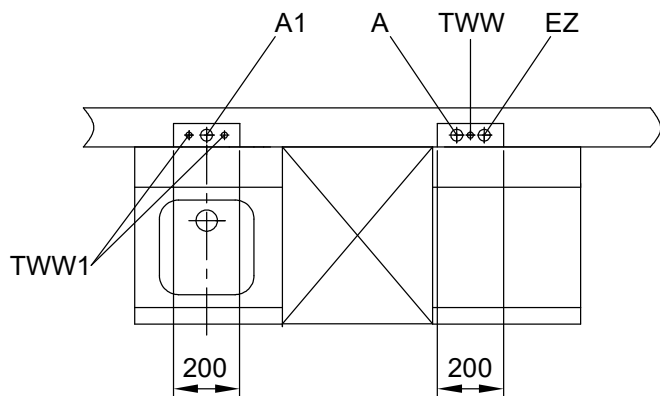
Smussamler; installeres mellom stoppekranen og slangen for vanntilførsel



Installasjonsplan

Forslag til lokale installasjonspunkter

De nøyaktige målene må fastsettes i henhold til forholdene på stedet.



Pos.	Betegnelse	Kommentar
A	Avløpstilkobling maskin	For detaljer, se «Krav til lokal installasjon»
TWW	Friskvannstilkobling maskin	
EZ	Elektrisk veggkontakt	
A1	Avløpstilkobling oppvaskkum	Ø 50 med vannlås ca. 300 mm over ferdiglagt gulv
TWW1	Friskvannstilkobling vannarmatur	G ½ tommer, utvendig gjenge kalt og varmt (maks. 60 °C) ca. 500 mm over ferdiglagt gulv

Krav til lokal installasjon

Vanntilførsel

Posisjon	ca. 500 mm over ferdiglagt gulv; på høyre side av maskinen		
Utførelse	Stoppekran med G ¾ tommer utvendig gjenge		
Temperatur på inntaksvannet	PTD 901, PTD901 Lift	maks. 60 °C	
	PTD 901 ECO, PTD 901 Lift ECO	maks. 20 °C	
Vannkvalitet	Friskvannet må mikrobiologisk sett være av drikkevannskvalitet		
Vannhardhet		For maskiner uten innebygd kalkfilter	Maskiner med innebygd kalkfilter
	PTD 901, PTD901 Lift	≤ 3 °dH (3,8 °e / 5,34 °TH / 0,54 mmol/l) Anbefales for å unngå kalkdannelse i oppvaskmaskinen.	≤ 31 °dH (37,6 °e / 53,4 °TH / 5,35 mmol/l)
	PTD 901 ECO, PTD 901 Lift ECO	≤ 3 °dH (3,8 °e / 5,34 °TH / 0,54 mmol/l)	≤ 20 °dH (25,1 °e / 35,6 °TH / 3,58 mmol/l)
		Det er ikke tillatt å koble maskinen til osmosevann på grunn av kobberrørene i luftvarmeveksleren	
Vannets strømningsstrykk	PTD 901, PTD901 Lift	100 kPa (1,0 bar)	
	PTD 901 ECO, PTD 901 Lift ECO	150 kPa (1,5 bar)	
Maks. inngangstrykk (mottrykk)	1000 kPa (10,0 bar)		
Gjennomstrømningsmengde	min. 4 l/min		

Avløpstilkobling

Posisjon	maks. 650 mm over ferdiglagt gulv; til venstre eller høyre for maskinen
Dimensjoner	Ø 40 eller 50 mm med vannlås

Elektrotilkobling

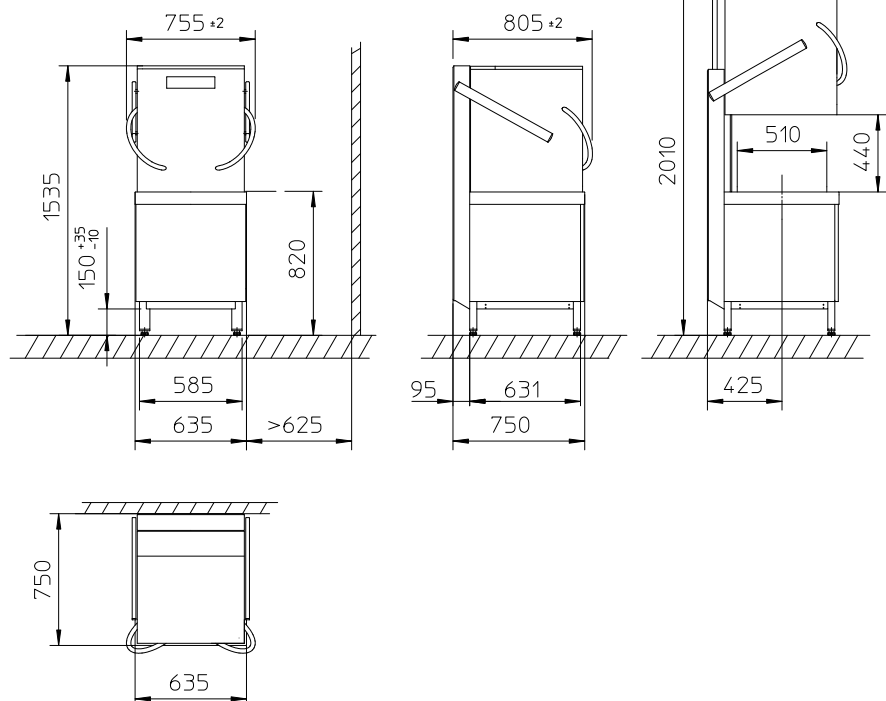
Posisjon	ca. 700 mm over ferdiggulvet; på høyre eller venstre side av maskinen
Utførelse	Hvis kunden har planlagt en egen jordfeilbryter, anbefaler vi at det monteres en reststrøms sensitiv jordfeilbryter klasse B
Sikring	Avhengig av maskinens totale tilkoblingsverdi (se egen tabell)
Kabelverrsnitt	Avhengig av maskinens totale tilkoblingsverdi (se egen tabell)

Totale tilkoblingsverdier

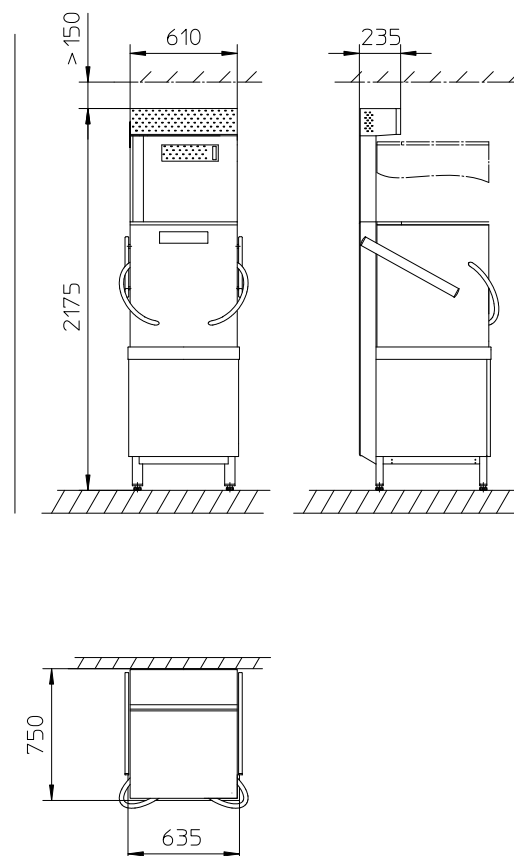
Nettspenning	Kundens sikring [A]	Total tilkoblingsverdi [kW]		Kabelverrsnitt [mm²]
		Boiler 6,4 kW	Boiler 10,8 kW	
380 V / 3N~ / 50 Hz	16	7,1	8,3	2,5
380 V / 3N~ / 60 Hz				
400 V / 3N~ / 50 Hz	16	7,9	9,1	2,5
400 V / 3N~ / 60 Hz	25	10,2	13,2	4
	32	-	14,7	6
415 V / 3N~ / 50 Hz	15 / 16 / 20	8,4	9,7	2,5
415 V / 3N~ / 60 Hz	25	10,9	11,5	4
	32	-	15,7	6
200 V / 3~ / 50 Hz	25	6,6	7,1	4
200 V / 3~ / 60 Hz	32	8,0	9,0	6
230 V / 3~ / 50 Hz	25	7,8	-	4
230 V / 3~ / 60 Hz	32	10,1	-	6
230 V / 1N~ / 50 Hz	32	6,9	-	6
230 V / 1N~ / 60 Hz				
240 V / 1N~ / 50 Hz	25	5,1	-	4
240 V / 1N~ / 60 Hz	32	7,0	-	6
	40	9,0	-	10
	50	10,9	-	10

Mått

PTD 901 PTD 901 LIFT

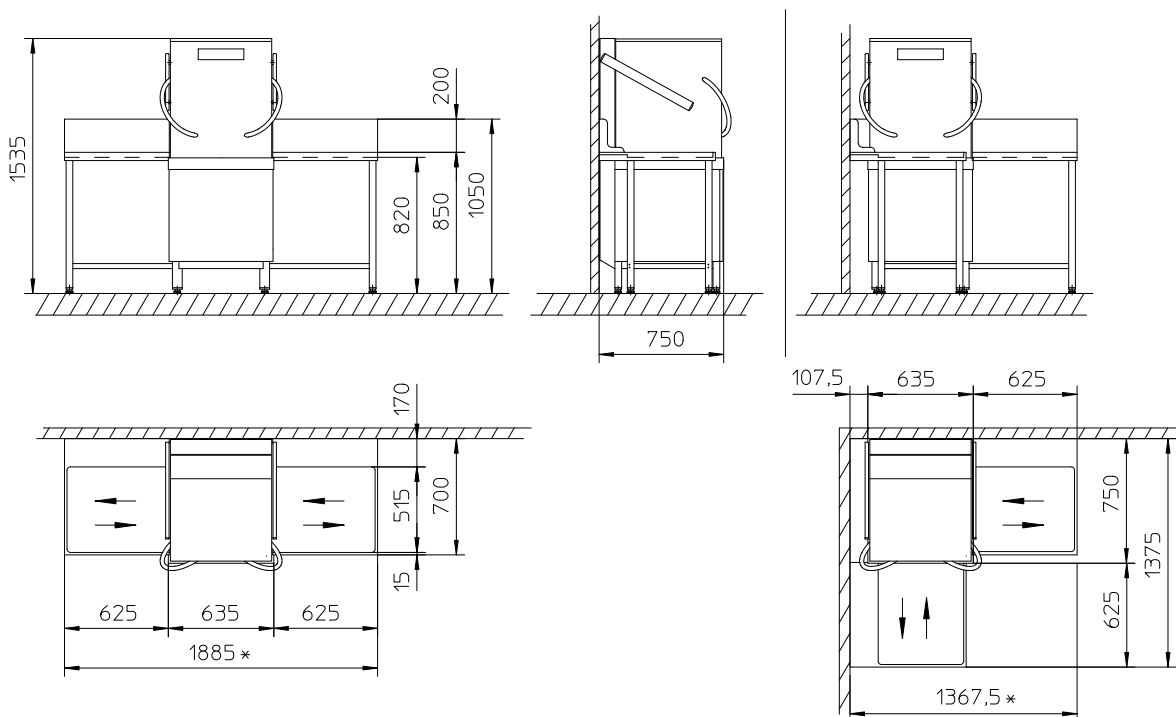


PTD 901 ECO PTD 901 LIFT ECO

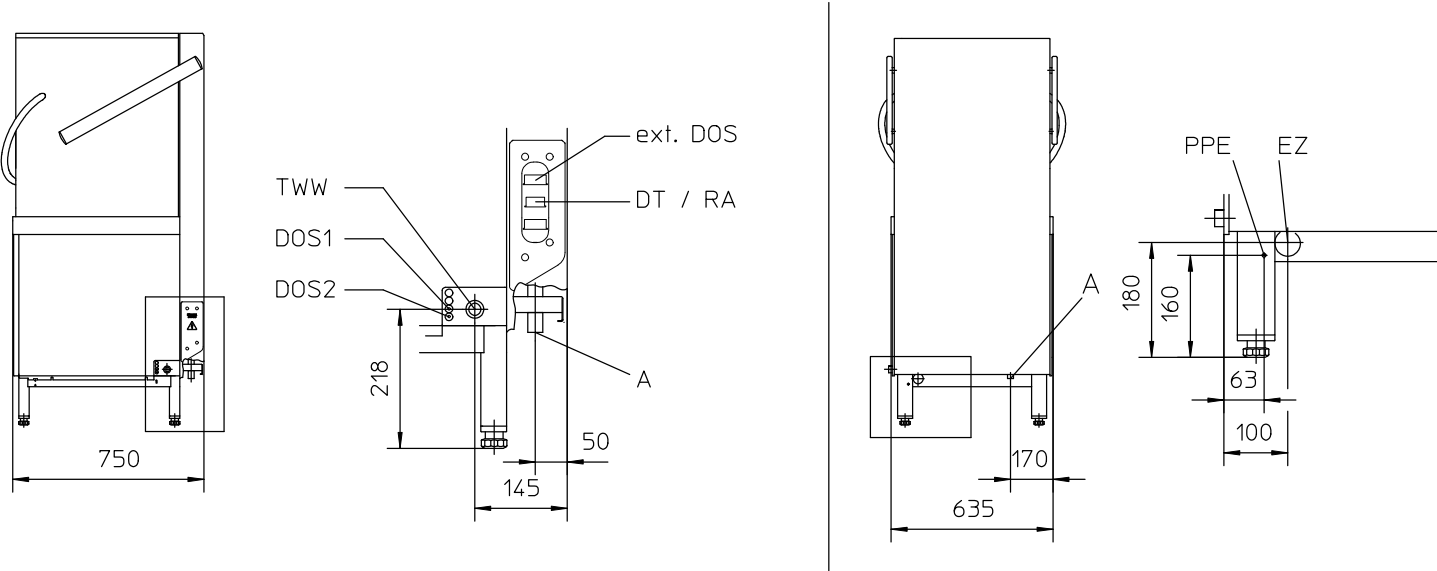


Mått med bord

Installation bordsdjup 700 mm



Placering av anslutningar på maskinen



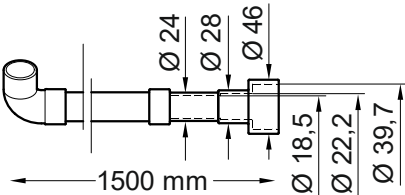
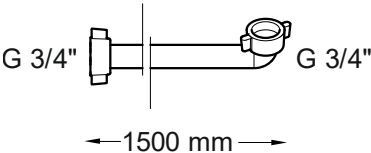
Pos.	Beteckning
A	Anslutning för avloppsslang
TWW	Vattenanslutning G 3/4"
EZ	Införing för nätanslutningsledning (inne i maskinen behöver man ca 1,7 m för att lägga och ansluta nätanslutningsledningen)
PPE	 Anslutning för potentialutjämnningssystem på installationsplatsen
DOS1	Anslutning för sköljmedelsslang
DOS2	Anslutning för diskmedelsslang
ext. DOS	Anslutning för externa doseringsenheter
DT / RA	Anslutning för suglansar (DT: diskmedel / RA: spolglans)

Tillbehör

böjlig tillloppsslang, ansluts vid punkt TWw

böjlig avloppsslang, ansluts vid punkt A

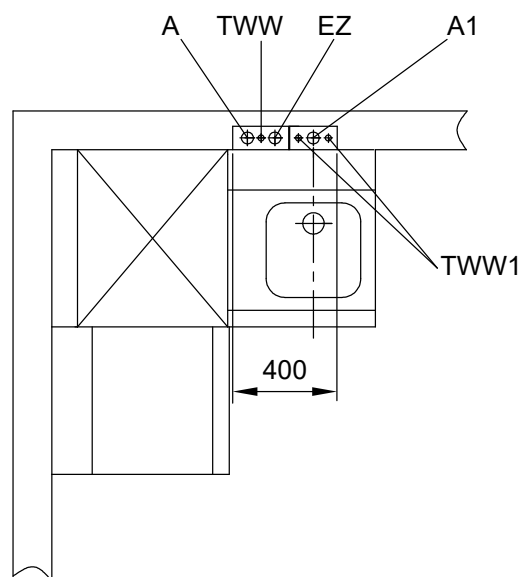
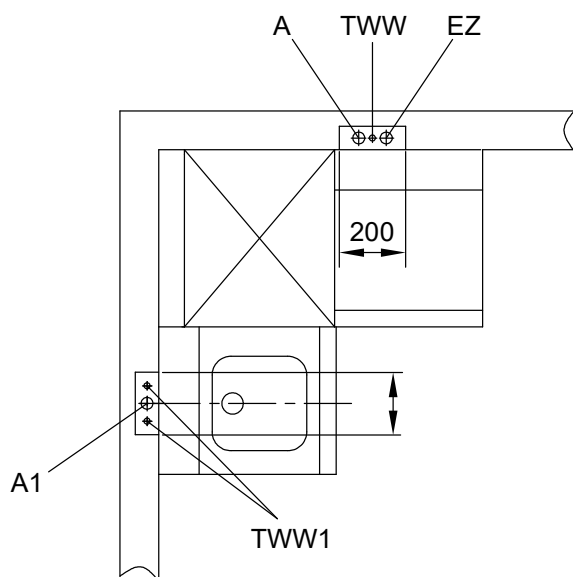
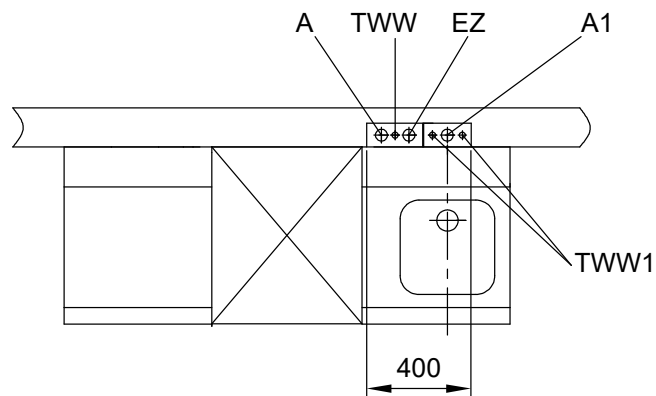
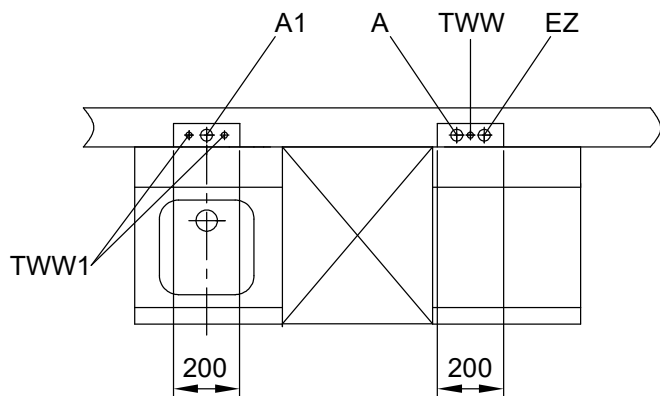
Smutsfångare, monteras mellan vattenspärventil och tillloppsslang



Installationsschema

Förslag till installationspunkterna på plats

De exakta måtten måste bestämmas med hänsyn till de befintliga förutsättningarna på installationsplatsen.



Pos.	Beteckning	Anmärkning
A	Avloppsanslutning maskin	För detaljer, se "Krav på installationen på plats"
TWW	Färskvattenanslutning maskin	
EZ	Elektrisk vägganslutningsdosa	
A1	Avloppsanslutning diskbänk	Ø 50 mm med sifon ca 300 mm över färdigt golv
TWW1	Färskvattenanslutning vattenarmatur	G ½" yttergånga kallt och varmt (högst 60 °C) ca 500 mm över färdigt golv

Krav på installationen på plats

Färskvattenanslutning

Position	ca 500 mm över färdigt golv, till höger om maskinen		
Utförande	Avstängningsventil med G ¾" yttergånga		
Tilloppsvattentemperatur	PTD 901, PTD901 Lift	max. 60 °C	
	PTD 901 ECO, PTD 901 Lift ECO	max. 20 °C	
Vattenkvalitet	Färskvattnet måste i mikrobiologiskt hänseende ha dricksvattenkvalitet		
Vattenhårdhet		Maskiner utan inbyggd avhårdare	Maskiner med inbyggd avhårdare
	PTD 901, PTD901 Lift	≤ 3 °dH (3,8 °e / 5,34 °TH / 0,54 mmol/l) Rekommenderas för att diskmaskinen inte ska förkalkas.	≤ 31 °dH (37,6 °e / 53,4 °TH / 5,35 mmol/l)
	PTD 901 ECO, PTD 901 Lift ECO	≤ 3 °dH (3,8 °e / 5,34 °TH / 0,54 mmol/l)	≤ 20 °dH (25,1 °e / 35,6 °TH / 3,58 mmol/l)
		Anslutning till osmosvatten är inte tillåten på grund av kopparrören i frånluftsvärmeväxlaren	
Vattenflödestryck	PTD 901, PTD901 Lift	100 kPa (1,0 bar)	
	PTD 901 ECO, PTD 901 Lift ECO	150 kPa (1,5 bar)	
Max. ingångstryck (dynamiskt tryck)	1000 kPa (10,0 bar)		
Flödesmängd	min. 4 l/min		

Avloppsanslutning

Position	max. 650 mm över färdigt golv, till vänster eller till höger om maskinen
Mått	Ø 40 eller 50 mm med sifon

Elanslutning

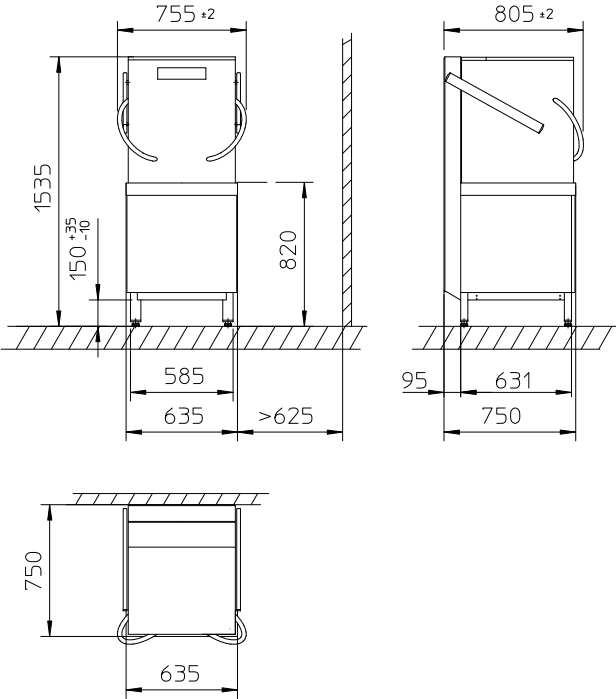
Position	ca 700 mm över färdigt golv, till vänster eller till höger om maskinen
Utförande	Om en jordfelsbrytare tillhandahålls på plats rekommenderar vi installation av en jordfelsbrytare av klass B med universell strömkänslighet
Säkring	Beroende på maskinens totala anslutningseffekt (se separat tabell)
Ledningstvårsnitt	Beroende på maskinens totala anslutningseffekt (se separat tabell)

Total anslutningseffekt

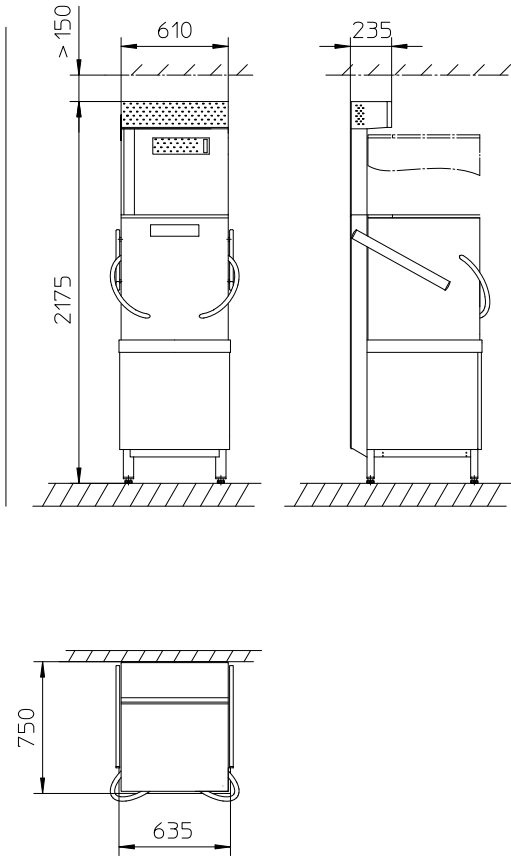
Nätspänning	Säkring på plats [A]	Total anslutningseffekt [kW]		Ledningstvårsnitt [mm²]
		Genomströmmare 6,4 kW	Genomströmmare 10,8 kW	
380 V / 3N~ / 50 Hz	16	7,1	8,3	2,5
380 V / 3N~ / 60 Hz				
400 V / 3N~ / 50 Hz	16	7,9	9,1	2,5
400 V / 3N~ / 60 Hz	25	10,2	13,2	4
	32	-	14,7	6
415 V / 3N~ / 50 Hz	15 / 16 / 20	8,4	9,7	2,5
415 V / 3N~ / 60 Hz	25	10,9	11,5	4
	32	-	15,7	6
200 V / 3~ / 50 Hz	25	6,6	7,1	4
200 V / 3~ / 60 Hz	32	8,0	9,0	6
230 V / 3~ / 50 Hz	25	7,8	-	4
230 V / 3~ / 60 Hz	32	10,1	-	6
230 V / 1N~ / 50 Hz	32	6,9	-	6
230 V / 1N~ / 60 Hz				
240 V / 1N~ / 50 Hz	25	5,1	-	4
240 V / 1N~ / 60 Hz	32	7,0	-	6
	40	9,0	-	10
	50	10,9	-	10

Dimensões

PTD 901
PTD 901 LIFT

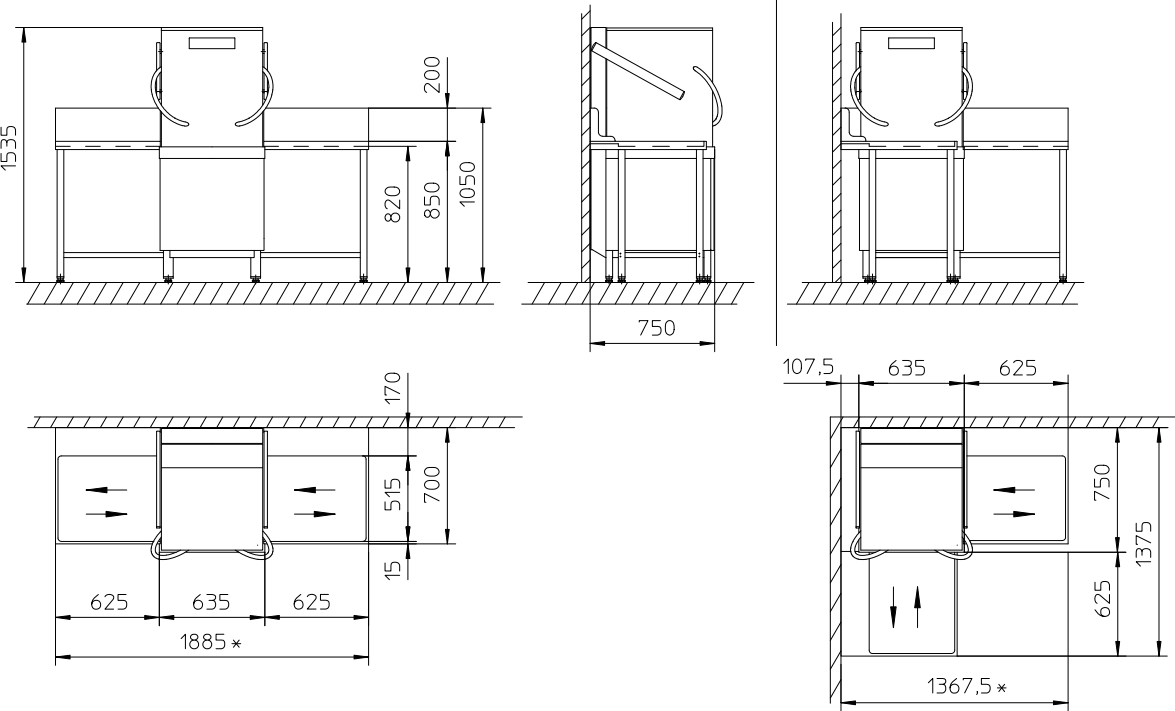


PTD 901 ECO
PTD 901 LIFT ECO

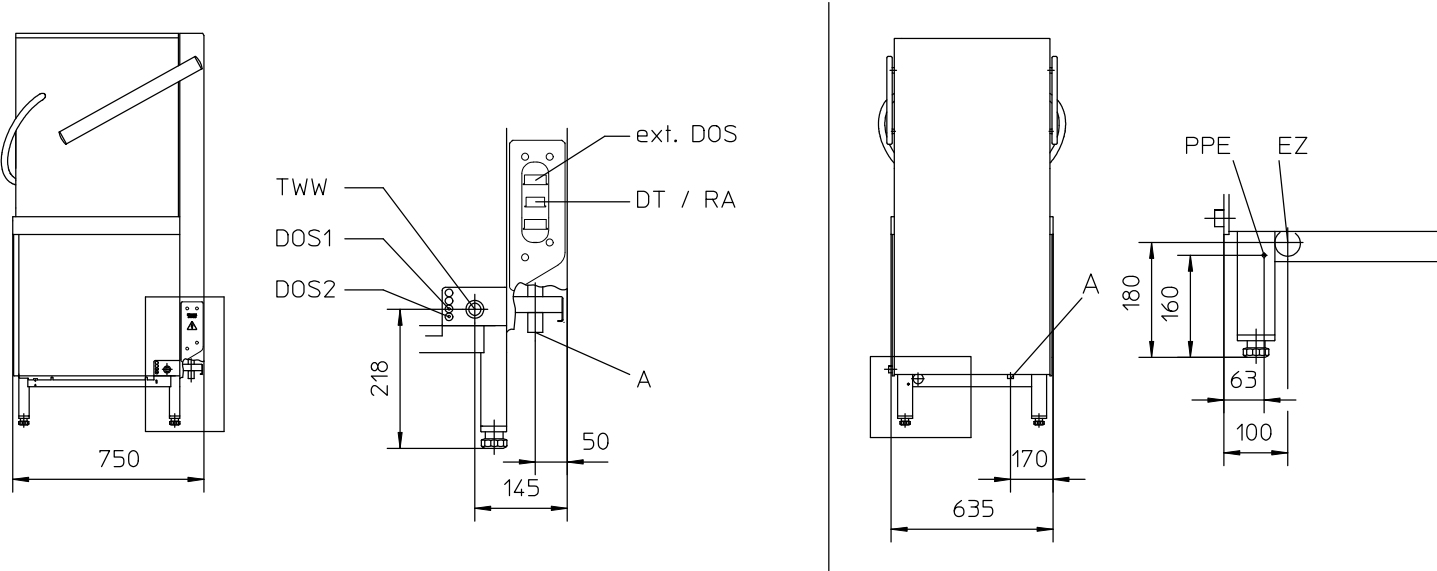


Dimensões com mesas

Profundidade de instalação da mesa 700 m



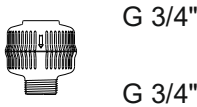
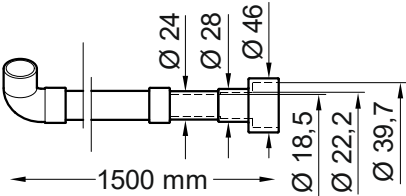
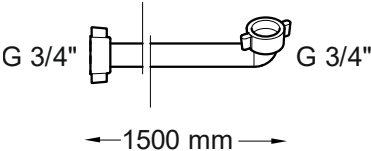
Posição das ligações da máquina



Pos.	Designação
A	Ligação para o tubo de descarga
TWW	Ligação de água G 3/4"
EZ	Entrada para cabo de ligação à rede elétrica (requer aprox. 1,7 m no interior da máquina para passagem e ligação do cabo de ligação à rede elétrica)
PPE	 Ligação para o sistema local de ligação equipotencial
DOS1	Ligação para a mangueira do abrillantador
DOS2	Ligação para a mangueira do detergente
DOS ext.	Ligação para doseadores externos
DT / RA	Ligação para tubos de aspiração (DT: detergente / RA: abrillantador)

Acessórios

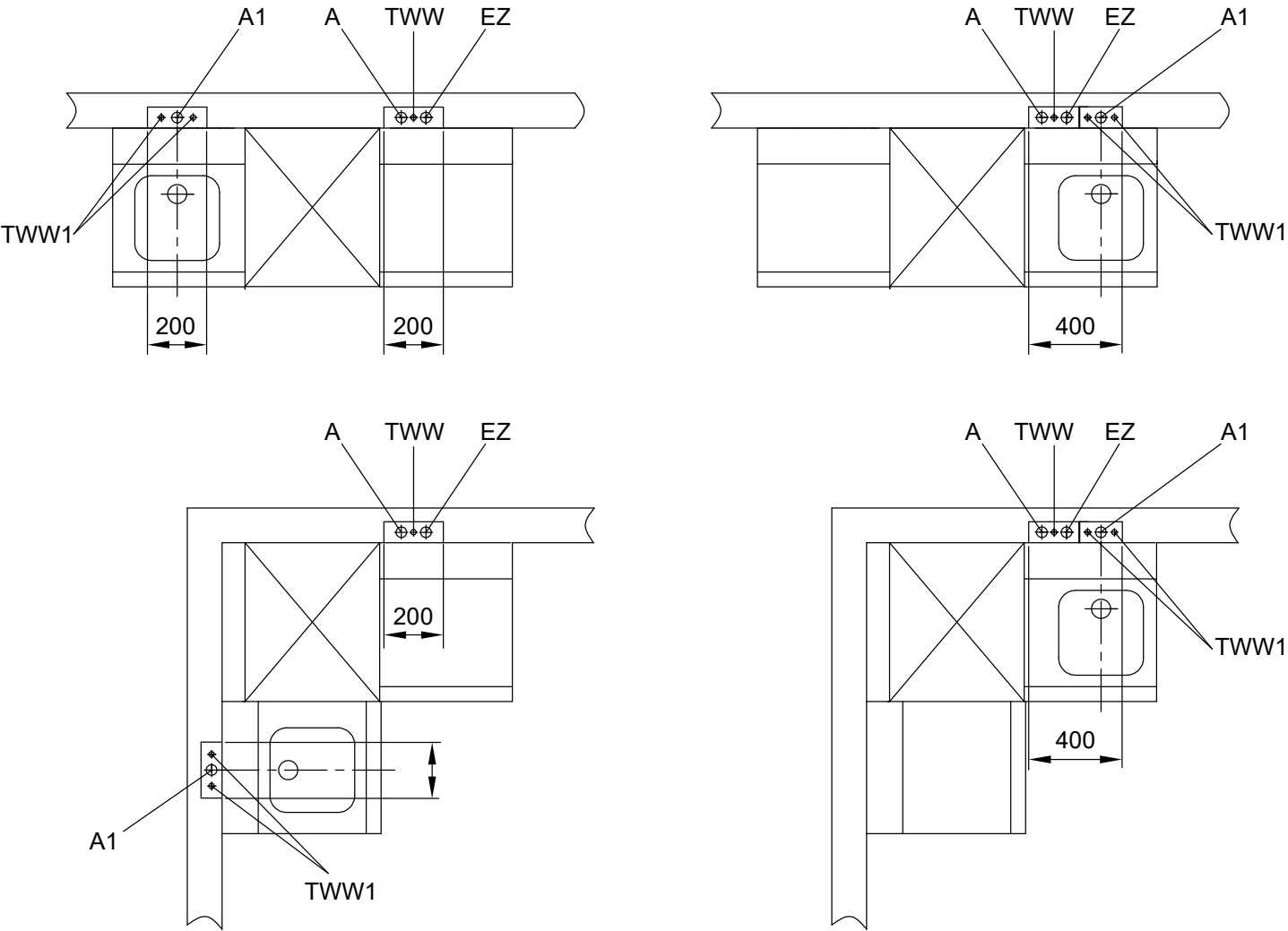
Tubo de admissão flexível; ligar ao ponto TWw Tubo de descarga flexível; ligar ao ponto A Coletor de resíduos; montar entre a válvula de corte de água e o tubo de admissão de água



Plano de instalação

Sugestão para os pontos de instalação no local

É necessário determinar as dimensões exatas, observando as especificidades locais.



Pos.	Designação	Observação
A	Ligação de descarga da água residual, máquina	Para mais detalhes, ver "Requisitos da instalação no local"
TWW	Ligação de água limpa na máquina	
EZ	Tomada elétrica de parede	
A1	Ligação de descarga da água residual, lavatório	Ø 50 mm com sifão aprox. 300 mm sobre chão acabado
TWW1	Ligação de água limpa, válvula para água	Rosca externa G ½" quente e fria (máx. 60 °C) aprox. 500 mm sobre chão acabado

Requisitos da instalação no local

Ligação de água limpa

Posição	aprox. 500 mm sobre chão acabado; à direita, junto da máquina		
Versão	Válvula de bloqueio, rosca externa G ¾"		
Temperatura da água de admissão	PTD 901, PTD901 Lift	máx. 60 °C	
	PTD 901 ECO, PTD 901 Lift ECO	máx. 20 °C	
Qualidade da água	Do ponto de vista microbiológico, a água limpa deve ter a qualidade de água potável		
Dureza da água		Máquinas sem descalcificador integrado	Máquinas com descalcificador integrado
	PTD 901, PTD901 Lift	≤ 3 °dH (3,8 °e / 5,34 °TH / 0,54 mmol/l) Recomendação para evitar a calcificação da máquina de lavar.	≤ 31 °dH (37,6 °e / 53,4 °TH / 5,35 mmol/l)
	PTD 901 ECO, PTD 901 Lift ECO	≤ 3 °dH (3,8 °e / 5,34 °TH / 0,54 mmol/l)	≤ 20 °dH (25,1 °e / 35,6 °TH / 3,58 mmol/l)
		Ligação a água de osmose não é permitida devido aos tubos de cobre no permutador de calor de exaustão	
Pressão de fluxo da água	PTD 901, PTD901 Lift	100 kPa (1,0 bar)	
	PTD 901 ECO, PTD 901 Lift ECO	150 kPa (1,5 bar)	
Pressão de entrada máx. (Pressão dinâmica)	1000 kPa (10,0 bar)		
Caudal	mín. 4 l/min		

Ligação de descarga da água residual

Posição	aprox. 650 mm sobre chão acabado; no lado esquerdo ou direito, junto à máquina
Dimensões	Ø 40 mm ou 50 mm com sifão

Ligação elétrica

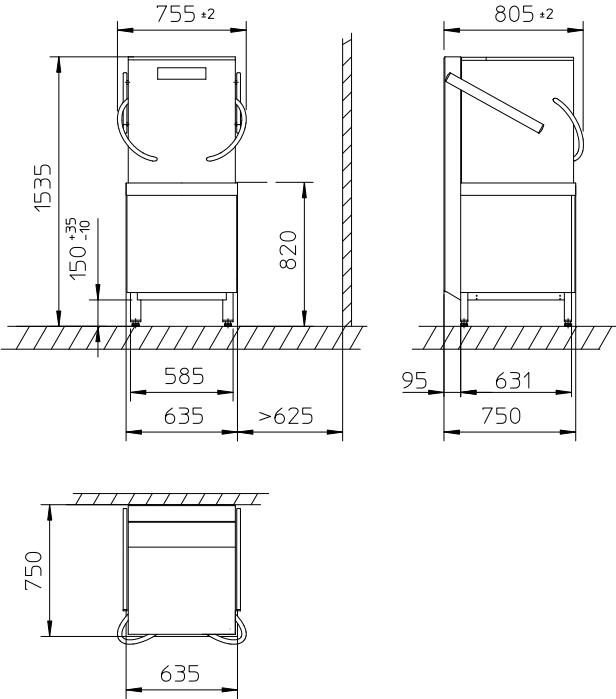
Posição	aprox. 700 mm sobre chão acabado; no lado esquerdo ou direito, junto à máquina
Versão	Se estiver previsto um interruptor diferencial no local de instalação, recomendamos a instalação de um interruptor universal de proteção contra falhas de corrente da classe B.
Proteção de fusível	Depende da potência máxima instalada da máquina (ver tabela separada)
Secção transversal do cabo	Depende da potência máxima instalada da máquina (ver tabela separada)

Potência máxima instalada

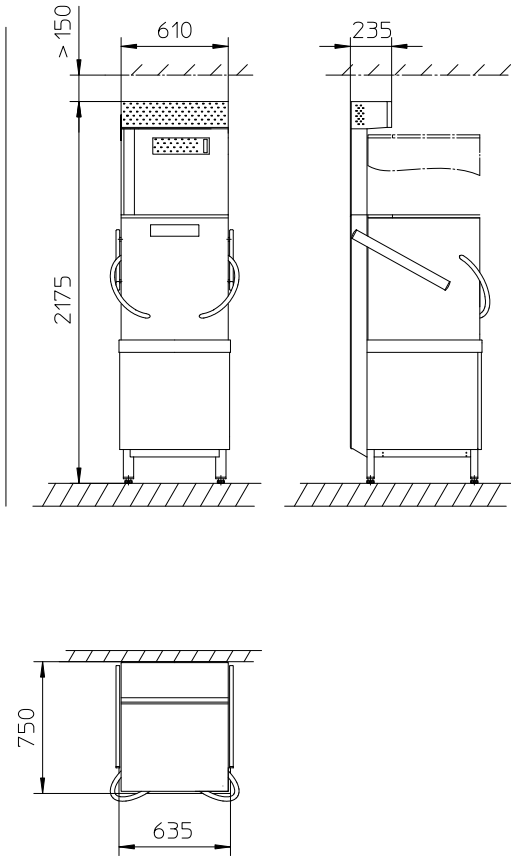
Tensão de rede	Proteção de fusível no local [A]	Potência máxima instalada [kW]		Secção transversal do cabo [mm²]
		Aquecimento da caldeira 6,4 kW	Aquecimento da caldeira 10,8 kW	
380 V / 3N~ / 50 Hz	16	7,1	8,3	2,5
380 V / 3N~ / 60 Hz				
400 V / 3N~ / 50 Hz	16	7,9	9,1	2,5
400 V / 3N~ / 60 Hz	25	10,2	13,2	4
	32	-	14,7	6
415 V / 3N~ / 50 Hz	15 / 16 / 20	8,4	9,7	2,5
415 V / 3N~ / 60 Hz	25	10,9	11,5	4
	32	-	15,7	6
200 V / 3~ / 50 Hz	25	6,6	7,1	4
200 V / 3~ / 60 Hz	32	8,0	9,0	6
230 V / 3~ / 50 Hz	25	7,8	-	4
230 V / 3~ / 60 Hz	32	10,1	-	6
230 V / 1N~ / 50 Hz	32	6,9	-	6
230 V / 1N~ / 60 Hz				
240 V / 1N~ / 50 Hz	25	5,1	-	4
240 V / 1N~ / 60 Hz	32	7,0	-	6
	40	9,0	-	10
	50	10,9	-	10

Dimensiones

PTD 901
PTD 901 LIFT

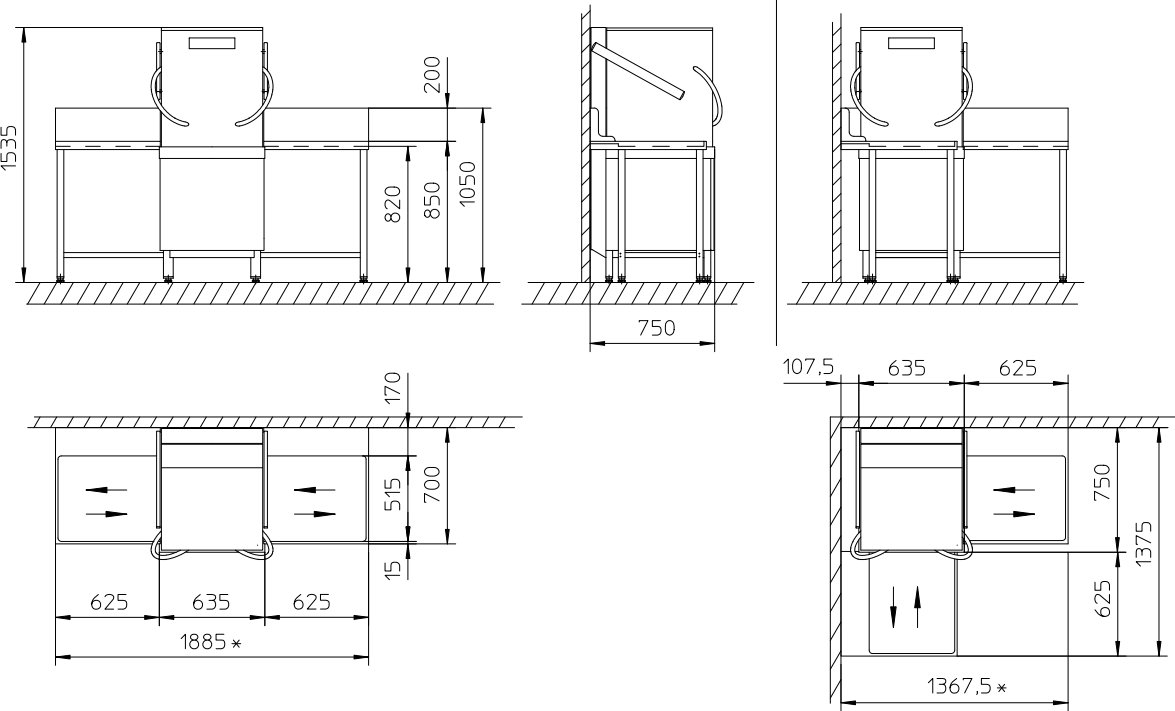


PTD 901 ECO
PTD 901 LIFT ECO

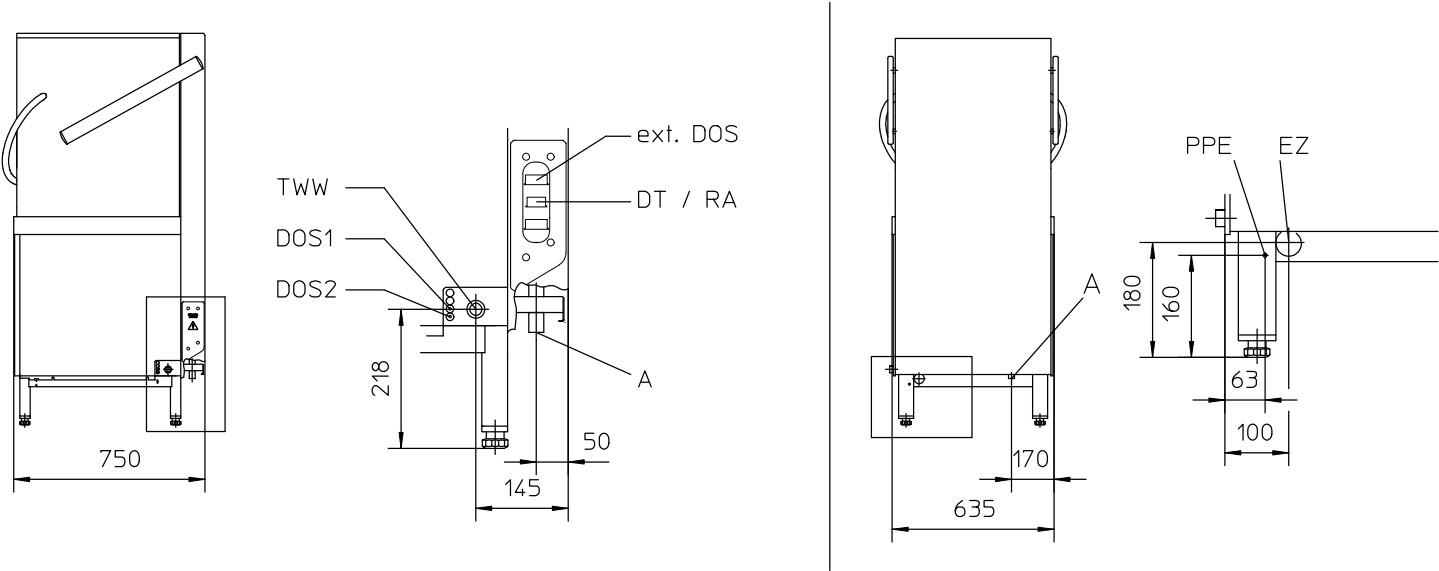


Dimensiones con mesas

Colocación, profundidad de la mesa 700 mm



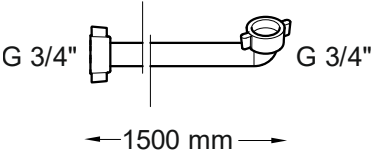
Posición de las conexiones en la máquina



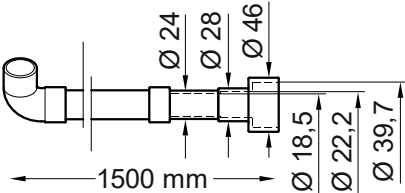
Pos.	Denominación
A	Conexión para manguera de desagüe
TWW	Conexión de agua 3/4"
EZ	Entrada para cable de acometida (dentro de la máquina se necesitan aprox. 1,7 m para tender y conectar el cable de acometida)
PPE	 Conexión para el sistema de compensación del potencial en el lugar de instalación
DOS1	Conexión para manguera de abrillantador
DOS2	Conexión para manguera de detergente
ext. DOS	Conexión para dosificadores externos
DT / RA	Conexión para lanzas de succión (DT: detergente / RA: abrillantador)

Accesorios

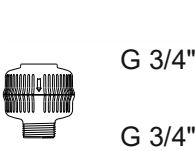
Manguera de entrada flexible; conectar al punto TWw



Manguera de desagüe flexible; conectar al punto A



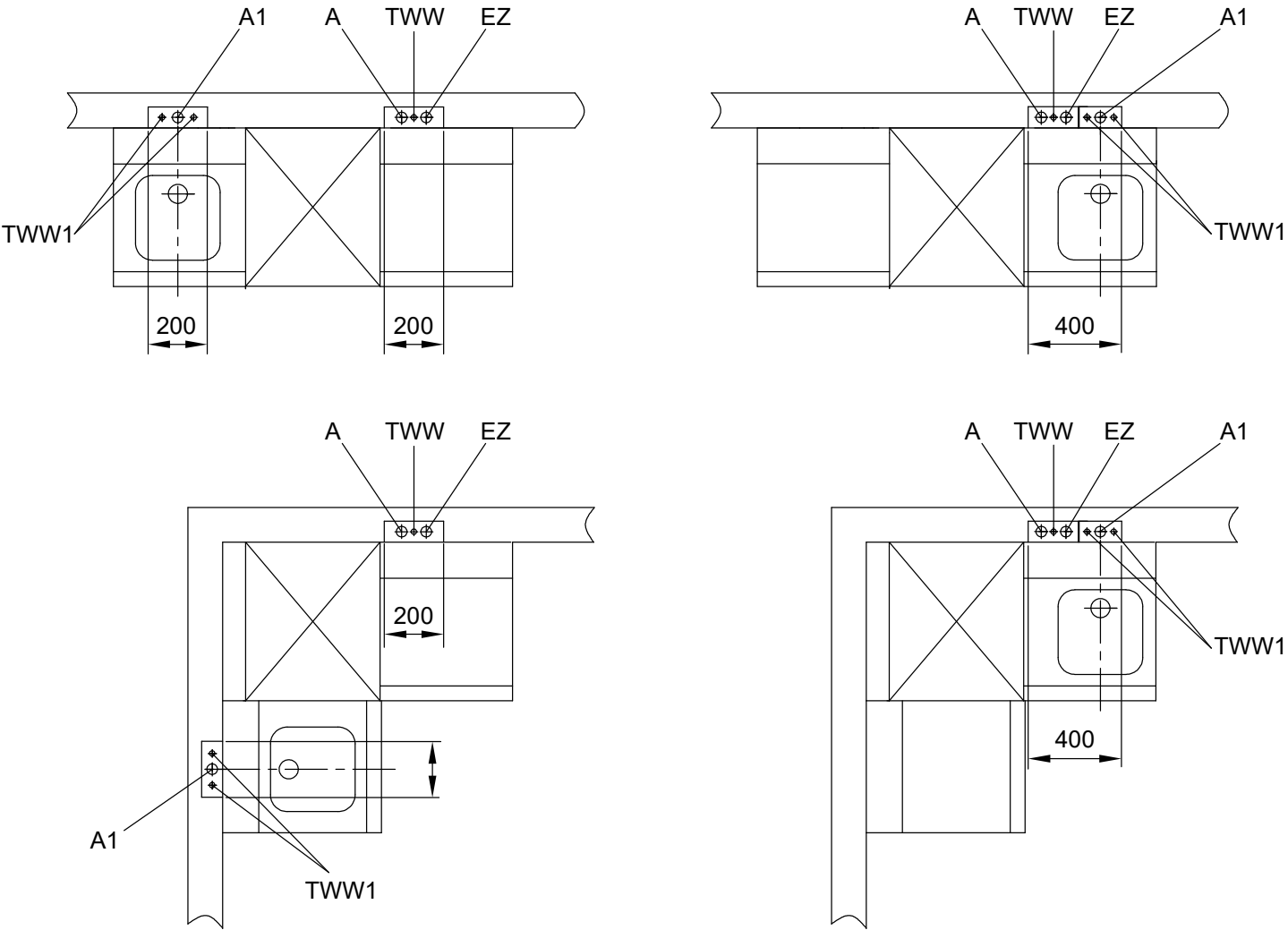
Colector de suciedad; montar entre la válvula de desagüe y la manguera de entrada



Plan de instalación

Sugerencia para los puntos de instalación en el lugar de instalación

Las medidas exactas se deberán determinar teniendo en cuenta las condiciones en el lugar de instalación.



Pos.	Denominación	Observación
A	Conexión para el desagüe de la máquina	Información detallada en «Requisitos del lugar de instalación»
TWW	Conexión de agua limpia de la máquina	
EZ	Enchufe eléctrico de pared	
A1	Conexión para el desagüe del fregadero	Ø 50 mm con sifón Aprox. 300 mm sobre el suelo prefabricado
TWW1	Conexión de agua limpia del grifo de agua	Rosca exterior 1/2" Fría y caliente (máx. 60 °C) Aprox. 500 mm sobre el suelo prefabricado

Requisitos del lugar de instalación

Conexión de agua limpia

Posición	Aprox. 500 mm sobre el suelo prefabricado; a la derecha junto a la máquina		
Modelo	Válvula de cierre con rosca exterior G ¾"		
Temperatura del agua de entrada	PTD 901, PTD901 Lift	máx. 60 °C	
	PTD 901 ECO, PTD 901 Lift ECO	máx. 20 °C	
Calidad de agua	El agua limpia debe tener la calidad del agua potable desde el punto de vista microbiológico		
Dureza del agua		Máquinas sin descalcificador incorporado	Máquinas con descalcificador incorporado
	PTD 901, PTD901 Lift	≤ 3 °dH (3,8 °e / 5,34 °TH / 0,54 mmol/l) Recomendación para que el lavavajillas no se calcifique.	≤ 31 °dH (37,6 °e / 53,4 °TH / 5,35 mmol/l)
	PTD 901 ECO, PTD 901 Lift ECO	≤ 3 °dH (3,8 °e / 5,34 °TH / 0,54 mmol/l)	≤ 20 °dH (25,1 °e / 35,6 °TH / 3,58 mmol/l)
		Debido a los tubos de cobre no se permite la conexión a agua osmótica en el recuperador de calor	
Presión dinámica del agua	PTD 901, PTD901 Lift	100 kPa (1,0 bar)	
	PTD 901 ECO, PTD 901 Lift ECO	150 kPa (1,5 bar)	
Máx. presión de entrada (presión dinámica)	1000 kPa (10,0 bar)		
Cantidad de flujo	mín. 4 l/min		

Conexión para el desagüe

Posición	Máx. 650 mm sobre el suelo prefabricado; a la izquierda o la derecha junto a la máquina
Dimensiones	Ø 40 o 50 mm con sifón

Conexión eléctrica

Posición	Aprox. 700 mm sobre el suelo prefabricado; a la izquierda o la derecha junto a la máquina
Modelo	En caso de que en el lugar de instalación vaya a instalarse un diferencial de protección contra derivaciones de corriente, recomendamos instalar un diferencial de protección contra derivaciones de corriente sensible a todas las corrientes de la clase B
Fusible	En función del valor de conexión total de la máquina (véase la tabla por separado)
Sección del cable	En función del valor de conexión total de la máquina (véase la tabla por separado)

Valores de conexión total

Tensión de red	Fusible en el lugar de instalación [A]	Valor de conexión total [kW]		Sección del cable [mm²]
		Resistencia del boiler 6,4 kW	Resistencia del boiler 10,8 kW	
380 V / 3N~ / 50 Hz	16	7,1	8,3	2,5
380 V / 3N~ 60 Hz				
400 V / 3N~ / 50 Hz	16	7,9	9,1	2,5
400 V / 3N~ 60 Hz	25	10,2	13,2	4
	32	-	14,7	6
415 V / 3N~ / 50 Hz	15 / 16 / 20	8,4	9,7	2,5
415 V / 3N~ 60 Hz	25	10,9	11,5	4
	32	-	15,7	6
200 V / 3~ / 50 Hz	25	6,6	7,1	4
200 V / 3~ / 60 Hz	32	8,0	9,0	6
230 V / 3~ / 50 Hz	25	7,8	-	4
230 V / 3~ / 60 Hz	32	10,1	-	6
230 V / 1N~ / 50 Hz	32	6,9	-	6
230 V / 1N~ / 60 Hz				
240 V / 1N~ / 50 Hz	25	5,1	-	4
240 V / 1N~ / 60 Hz	32	7,0	-	6
	40	9,0	-	10
	50	10,9	-	10

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