



HD 4/9 P 110V

Tough, highly portable professional cold-water pressure washer with upright or lie-flat operation. With 110V power supply for safe site use.









- 1 Save energy and time: EASY!Force high-pressure guns and EASY!Lock quick-release locks.
- At last work without getting tired: the EASY!Force high-pressure
- EASY!Lock quick-release locks: durable and robust. And five times faster than screws.
- 2 First-class mobility
- The integrated carrying handle on the front of the machine enableseasy loading and convenient transport.
- Compact design and low weight.

3 Flexibility

- Vertical and horizontal operation possible.
- Separate parking and transport position for the spray unit.

4 Quality

- The automatic pressure relief protects the components and extends the service life.
- High-quality brass cylinder head.

TECHNICAL DATA AND EQUIPMENT.





HD 4/9 P 110V

■ Included in delivery.

- Automatic pressure relief
- For horizontal and vertical operation
 Save energy and time: EASY!Force high-pressure guns and EASY!Lock quick-release locks.

Technical data		
Order Number		1.520-965.0
EAN code		4054278147161
Current type	Ph / V / Hz	1 / 110 / 50
Flow rate	I/h	390
Operating pressure	bar / MPa	90 / 9
Max. pressure	bar / MPa	120 / 12
Max. water feed temperature	°C	max. 60
Power rating	kW	1,4
Weight	kg	15,9
Dimensions (L x W x H)	mm	351 × 312 × 904

Equipment		
Trigger gun		EASY!Force
High-pressure hose	m	10 / ID 6, 250 bar
Spray lance	mm	840
ANTI!Twist		-
Pressure switch control		I .
Servo Control		































				Max. working				
		Order Number	ID	pressure	Length	Price	Description	
Standard with unions on both sides	<u> </u>					<u> </u>		
High-pressure hose, 10 m DN 8,	1	6.110-031.0	ID 8	315 bar	10 m		10 m high-pressure hose (M 22 x 1.5) with kink protection.	
AVS trigger gun connector							With patented rotating AVS trigger gun connector and manual coupling. Further data: DN 8/155°C/315 bar.	A
High-pressure hose, 15 m DN 8,	2	6.110-030.0	ID 8	315 bar	15 m		15 m high-pressure hose (M 22 x 1.5) with kink protection.	
AVS trigger gun connector							With patented rotating AVS trigger gun connector and manual coupling. Further data: DN 8/155°C/315 bar.	A
High-pressure hose, 20 m DN 8,	3	6.110-032.0	ID 8	315 bar	20 m		20 m high-pressure hose (M 22 x 1.5) with kink protection.	
AVS trigger gun connector							With patented rotating AVS trigger gun connector and manu- al coupling. Further data: DN 8/155°C/315 bar.	A
High-pressure hose, 30 m DN 8, including rotary coupling	4	6.110-014.0	ID 8	315 bar	30 m		With rotary coupling, 2 x M 22 x 1.5	A
High-pressure hose, 15 m DN 10,	5	6.110-042.0	ID 10	220 bar	15 m		15 m high-pressure hose M 22 x 1.5) with kink protection	
220 bar, extension							and threaded couplings at both ends. Further data: DN 10/155°C/220 bar.	A
High-pressure hose, 20 m DN 10,	6	6.110-043.0	ID 10	220 bar	20 m		with union on both sides, M 22 x 1.5 with anti-kink protec-	A
220 bar, extension	7	C 110 0440	ID 10	220 har	2F m		tion. NW 10/155°C/220 bar	_
High-pressure hose, 25 m DN 10, extension, not rotatable	7	6.110-044.0		220 bar	25 m			A
Hose assembly premium DN10 22MPa 40m	8	6.110-045.0	ID 10	220 bar	40 m			A
Hose assembly premium DN12 21MPa 15m	9	6.110-059.0	ID 12	210 bar	15 m		High-pressure hose for water volumes greater than 1,800 l / h. With union on both sides. 2x M 22 x 1.5 with anti-kink	A
Hose assembly premium DN12 21MPa 40m	10	6.110-060.0	ID 12	210 bar	40 m		protection.	A
Hose assembly TR DN10 22MPa 10m	11	6.110-041.0	ID 10	220 bar	10 m			A
High-pressure hose, 10 m DN 6,	12	6.110-034.0	ID 6	250 bar	10 m		10 m high-pressure hose (M 22 x 1.5) with kink protection.	
AVS trigger gun connector	13	6.110-035.0	ID 6	250 bar	10 m		With patented rotating AVS trigger gun connector and manual coupling. Further data: DN 6/155°C/250 bar.	
High-pressure hose, 10 m, DN 6,	14	6.110-056.0	ID 6	300 bar	10 m		With patented AVS connection in the trigger gun (pivot-	_
300 bar, AVS trigger gun connec-							mounted) and hand screw union. M 22 x 1.5 with anti-kink	
tion							protection. NW 6/155°C/300 bar	_
Longlife 400 with unions on both s	1	6 4 4 0 0 2 2 0	ID 8	400 5	l 20 I	ı	With	
High-pressure hose Longlife 400, 30 m DN 8, including rotary coup- ling	15	6.110-023.0	8 01	400 bar	30 m		With rotary coupling, 2 x M 22 x 1.5	A
High-pressure hose Longlife 400, 20 m, DN 8, extension	16	6.110-027.0	ID 8	400 bar	20 m		with rotary coupling, 2 x M 22 x 1.5	A
High-pressure hose Longlife 400,	17	6.110-029.0	ID 8	400 bar	15 m		With rotary coupling, 2 x M 22 x 1.5	_
15 m, DN 8, including rotary coupling								A
High-pressure hose 1.5 m, DN 8, including connectors	18	6.110-024.0	ID 8	400 bar	1,5 m		1.5 m high-pressure hose (DN 8, M 22 x 1.5) with kink protection and connectors at both ends. For connecting to hose reels with appropriate connector (M 22 x 1.5).	
	19	6.110-069.0	ID 8	400 bar	1,5 m			
High-pressure hose packaged	20	6.110-038.0	ID 8	400 bar	10 m			
Food industry version with unions	on bot	h sides						
High-pressure hose, 10 m ID 8, suitable for food industry, extensi-	21	6.110-051.0	ID 8	250 bar	10 m			•
on piece							use in the food industry. M 22 x 1.5 with anti-kink sleeve.	

[■] Included in delivery.

Available accessories.

Extension hose.











		Order Number	ID	Max. working pressure	Length	Price	Description	
High-pressure hose, 20 m ID 8, suitable for food industry, extension piece	22	6.110-052.0	ID 8	250 bar	20 m		20 m high-pressure hose (DN 8) with swivel coupling. Non- discolouring outer layer for use in the food industry. Con- nectors at both ends, M 22 x 1.5, with kink protection. NW 8/155°C/250 bar.	•
High-pressure hose 15 m ID 6, AVS trigger gun connector 11 mm, suitable for food industry, grey	23	6.110-063.0	ID 6	250 bar	15 m		15 m high-pressure hose (DN 6) with patented (rotating) AVS trigger gun connector. Non-discolouring outer layer for use in the food industry. DN 6/155°C/250 bar.	
Longlife food industry version with	unior	ns on both sides						
High pressure hose food DN 8 / 10 m	24	6.110-053.0	ID 8	400 bar	10 m		Longlife HP hose for use in the food industry. Außende- cke## animal-grease-resistant, non-colour-bleeding materi- al. With rotary coupling, 2 x M 22 x 1,5	A
HIgh-pressure hose Longlife 400, 15 m, ID 6, AVS trigger gun con- nection	25	6.110-054.0	ID 8	400 bar	20 m		Longlife HP hose for use in the food industry. Außende- cke## animal-grease-resistant, non-colour-bleeding materi- al. With patented AVS connection in the pistol (pivot moun- ted)	

[■] Included in delivery. □ Available accessories. ▲ Extension hose.









		Order Number	Flow rate		Price	Description	
Trigger guns							
Extended easy press trigger gun	1	4.118-005.0				Extended easy press high-pressure trigger gun for high- pressure hoses with rotating connector.	•
Quick connect							
Quick-fitting pipe union coupler trapezo	2	2.115-000.0					
Quick-fitting pipe union plug nipp- le tra	3	2.115-001.0					

[■] Included in delivery.

Available accessories.

Extension hose.





		Order Number	Nozzle size		Price	Description
Power nozzle spray angle 15°						
	1	2.113-062.0	30			
HP nozzle spray angle 0°						
High-pressure nozzle spray angle °0	2	2.113-001.0	40			High-pressure nozzle with powerful jet for extremely stubborn dirt. $\hfill\Box$
Power nozzle spray angle 25°						
Power nozzle for replacement 25033	3	2.113-063.0	33			
Power nozzle spray angle 40°						
Power nozzle spray angle 40°	4	2.113-003.0	40			Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.

[■] Included in delivery.

Available accessories.

Extension hose.





							—
			Max. working				
		Order Number	pressure	Length	Price	Description	
Rotating spray lances			·	'	'		
Lance 850 mm, rotatable, ergono-	1	4.112-006.0	300 bar	840 mm		850 mm stainless steel lance (manual coupling) with ergono-	
mic						mic handle for ease of use and protection. Rotatable 360°	
						under pressure.	
Nozzle light	2	2.680-002.0		125 mm			
Lance 250 mm, non-rotatable	3	4.112-027.0	300 bar	250 mm			
550 mm lance, non-rotatable	4	4.112-024.0	300 bar	400 mm			
Rotatable lance, 600 mm, ergono-	5	4.112-007.0	300 bar	600 mm		600 mm stainless steel lance (manual coupling) with ergono-	-
mic						mic handle for ease of use and protection. Rotatable 360°	
						under pressure.	4
1050 mm lance, rotatable, ergono-	6	4.112-000.0	300 bar	1050 mm		1050 mm stainless steel lance (manual coupling) with ergo-	
mic						nomic handle for ease of use and protection. Rotatable 360°	
Lance 1550 mm, rotatable, ergo-	7	4.112-018.0	300 bar	1550 mm		under pressure. 1550 mm stainless steel lance (manual coupling) with ergo-	\dashv
nomic	/	4.112-016.0	300 pai	1550 11111		nomic handle for ease of use and protection. Rotatable 360°	
Home						under pressure.	
Lance 2050 mm, rotatable, ergo-	8	4.112-021.0	300 bar	2050 mm		2050 mm stainless steel lance (manual coupling) with ergo-	
nomic	_					nomic handle for ease of use and protection. Rotatable 360°	
						under pressure.	
Jet pipe extension TR 1000 mm	9	4.112-048.0	300 bar	1000 mm			
Double lance							
Double lance 960 mm	10	2.112-016.0	310 bar	960 mm		960 mm double lance for variable pressure adjustment on	
						handle at full water flow rate. Suitable for agricultural use (
						e.g. stable cleaning).	_
Angular spray lance	1	ı	ı	l		1	
WC and gutter lance	11	4.112-029.0				Stainless steel lance WC and gutter with nozzle insert. Spe-	
						cially shaped for effective and hygienic cleaning of gutters	
Flexible spray lance			<u> </u>			and toilets.	\dashv
Flexible lance 1050 mm	12	4.112-035.0	210 bar	1050 mm		1050 mm flexible lance with variable bend from 20° to	
Flexible latice 1050 IIIII	12	4.112-033.0	210 Dai	1030 11111		140°, ideal for cleaning difficult to reach areas, e.g. gutters.	
Articulated joint TR 20	13	4.112-057.0	300 bar			140 , ideal for eleaning difficult to reach dreas, e.g. gotters.	╗
Telescopic spray lance	- 10		1				ᅴ
Telescopic jet pipe	14	4.112-037.0	225 bar	5400 mm			
Restraint belt for telescopic jet	15	6.373-987.0	223 50.	3 100 11111		Convenient strap for relief when working with the telesco-	퓍
pipe	13	0.575 507.0				pic spray lance (6.394-690). The burden is optimally distri-	
p.pc						buted on the body and longer periods of use are possible.	_
Gutter cleaner							
Gutter cleaning lance	16	2.112-015.0		960 mm		The lance is suited for cleaning of gutter systems. Because	П
						of the shape of the lance and the special nozzle the gutter	
						can be cleaned without removing the cover plates.	
Undercarriage spray lance							
Underbody lance	17	4.112-032.0		700 mm		Stainless steel lance for effective and easy underbody and	
						wheel arch cleaning. Without high-pressure nozzle.	븨
Additional handle		ı				,	
	18	4.321-380.0					
PowerControl spray lance		1	1	1		,	
Pressure regulating jet pipe pa-	19	4.112-045.0					
ckaged Po							_

[■] Included in delivery.

Available accessories.

Extension hose.





		Order Number			Price	Description
Y distributor						
Y distributor	1	4.111-024.0				

[■] Included in delivery.

Available accessories.

Extension hose.













		Order Number	Flow rate	Nozzle size	Diame- ter	Price	Description	
Hard surface cleaner FR Classic								
	1	2.111-016.0			300 mm			
Hard surface cleaner FR 30								
FR 30	2	2.111-011.0			300 mm		Hard surface cleaner FR 30	
Hard surface cleaner FR 30 ME								
FR 30 ME surface cleaner	3	2.111-013.0			300 mm		Hot water resistant stainless steel surface cleaner with double ceramic bearings, non-marking swivel castors and suction hose connection. Ideal for indoor cleaning, e.g. food industry.	
Machine-specific nozzle kit for FR								
Nozzle kit for surface cleaners (type-specific) 450 - 500 l/h	4	2.640-482.0	450-500 l/h				Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (450 to 500 l/h).	
Machine-specific nozzle kits for FR	Classic	c .						
	5	2.885-312.0		40				

[■] Included in delivery.

Available accessories.

Extension hose.































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		Order Number				Price	Description	
Nozzle union								
Protection part TR only for repla-	1	4.112-011.0						
cement Rotary coupling								_
Rotary coupling	2	4.111-021.0	1	1	1	1	Kärcher rotary coupling prevents twisting and kinking of	Т
rotary cooping	2	4.111 021.0					high-pressure hoses for ease of use. Connector M 22 x 1.5 m. With grip protection.	
Coupling								
Coupler -2xM22x1,5	3	4.111-037.0					Brass double connector for connecting and extending high- pressure hoses. With rubber protection. Connector: 2x M 22 x 1.5 m.	
Connector		1	1	-		_		Ť
Nozzle connector/screw connector	4	4.111-022.0					Nozzle connector/screw connector for connecting high-	1
							pressure nozzles and accessories to the high-pressure trigger gun (with nozzle connector). Connectors: 1x M 22 x 1.5	
							and 1x M 18 x 1.5.	4
	5	4.111-038.0						
Adapter EASY!Lock		1	1				1	L
Adapter 1 M22AG-TR22AG	6	4.111-029.0				-]
Adapter 2 M22IG-TR22AG	7	4.111-030.0					_	1
Adapter 3 M22IG-TR22AG	8	4.111-031.0						_ [
Adapter M22 - Swivel	9	4.111-032.0					M22 x 1,5female and swivel connection. For extension of high-pressure hoses with AVS connection or for usage of th telescopic lance with a high-pressure hose with AVS connection.	
Adapter 5 TR22IG-M22AG	10	4.111-033.0						1
Adapter 6 TR22IG-M22AG	11	4.111-034.0						Ī
Adapter 7 M18IG-TR20AG	12	4.111-035.0						
Adapter 8 TR20IG-M18AG	13	4.111-036.0						
ADAPTER for replacement TR22IG- M22AG Er	14	4.111-046.0						1
HP detergent injector								
Detergent injector for high and low pressure (without nozzles)	15	4.637-032.0					Detergent injector for independent high and low pressure dosage. Maximum dosage about 15%.	1
Detergent injector for high pressure	16	4.637-033.0					Cleaning agent dosage at high pressure 3 - 5 %	
Machine-specific nozzle kit with or	der no	. 3.637-170						
Nozzle insert trapezoidal thread HD-GER.	17	4.769-005.0						
Nozzle insert with order no. 3.637-	001							
Nozzle insert for Order No. 3.637- 001, high-pressure for machines up to 1100 l/h.	18	4.769-003.0					Nozzle insert for detergent injector 3.637-001 for high- pressure detergent application. For high-pressure cleaners with a water flow rate up to 1100 l/h.	
Low pressure for units rated up to 1100 I/h	19	4.769-001.0					For low pressure with machines up to 1.100 l/h	

[■] Included in delivery.

Available accessories.

Extension hose.









		Order Number	Nozzle size			Price	Description
Wet blasting attachment (without r	ozzle)	j					
Wet blasting attachment with flow control (without nozzles)	1	4.115-000.0					Paint, rust and scale removal made easy: Kärcher wet blasting attachment with flow control for adding blasting abrasive to the high-pressure jet.
Wet blasting attachment without flow control (nozzles not included)	2	4.115-006.0					Paint, rust and scale removal made easy. Kārcher wet blasting attachment with flow control for adding blasting abrasive to the high-pressure jet. Without flow control.
Nozzle pack for wet blasting attach	ment						
Nozzle pack TR wet jet set 0035	3	2.112-021.0	35				
Boron carbide nozzle							
Boron carbide nozzle, for machines as of 1000 l/h	4	6.415-084.0	6 mm				In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.

[■] Included in delivery.

Available accessories.

Extension hose.

















			Max. working		Diame-			
		Order Number		Nozzle size	ter	Price	Description	
Pipe cleaning hose, ID 6						•		
Hose assembly TR pipe cleaning DN6 14MPa	1	6.110-048.0	140 bar					
Pipe cleaning hose	2	6.110-049.0	140 bar				20 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).	
Pipe cleaning hose, DN 6, 30 m	3	6.110-050.0	140 bar				30 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).	
Pipe cleaning nozzle								
Dirt blaster pipe cleaning D21/040	4	4.765-001.0		40	21 mm			
Dirt blaster pipe cleaning D30/040	5	4.765-004.0		40	30 mm			
Pipe cleaning nozzle	6	5.763-015.0		55	16 mm		16 mm pipe cleaning nozzle with internal thread. Various jet	
	7	5.763-020.0		65	16 mm		directions for environmentally-friendly cleaning of blocked drains and pipes.	
	8	5.763-017.0		50	30 mm		30 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.	
Rotating pipe cleaning nozzle	9	6.415-428.0		50	16 mm		Rotating pipe cleaning nozzle with internal thread and four rotating jets for environmentally-friendly cleaning of blocked drains and pipes.	
Drain cleaning dirt blaster D 25/040	10	6.415-944.0		40	25 mm		The forward-tilted rotating pencil jet removes the most stubborn dirt. The three backwards-tilted jets ensure the	
Drain cleaning dirt blaster D 30/040	11	6.415-946.0		40	30 mm		necessary forward movement, as well as convenient hand- ling.	
Drain cleaning dirt blaster D 35/040	12	6.415-948.0		40	35 mm			

[■] Included in delivery.

Available accessories.

Extension hose.







		Order Number	Max. working pressure	Nozzle size		Price	Description	
Dirt Blaster, small								
	1	4.114-019.0	180 bar	35				
Dirt blaster, large								
Dirt blaster - without changeover function	2	4.114-040.0	300 bar	35			The dirt blaster with rotating pencil jet offers 10 times better cleaning performance. Ceramic nozzle and bearing ring for a long service life. Further data: Max. 300 bar, 30 MPa, 85°C.	

[■] Included in delivery.

Available accessories.

Extension hose.

















		Order Number	Flow rate			Price	Description
Cup foam lance		Order Homber	1 low rate			Titee	Description
Foam lance TR	1	4.112-053.0	350-600 I/h	1	ı	1	I Ir
Packing complete for 6.394-969.0	2		330 000 1/11				
Tank grey only for replacement 1L	3						
Inno Foam Set		0.414 030.0					
Inno foam kit with detergent injector	4	2.112-000.0					High-pressure foam system with double lance (foam nozzle and high-pressure jet for rinsing). For use with mobile and stationarry high-pressure and HDS pressure cleaners for cleaning or disinfection.
Easy Foam Set							
Easy Foam Set with RM injector	5	2.112-010.0					HP foam system for use with. HD/HDS units for cleaning and disinfecting. Foam nozzle for connection to lance and HP chemical injector with precision 0-5% metering valve. The machine specific nozzle kit has to be ordered separately.
Nozzle kits for Inno/Easy Foam Set							
Nozzle kit 055 z. Inno/Easy Set 500 - 600 l/h	6	2.111-009.0	500-600 l/h				Optimal adaptation to different machine outputs for economic use.
Foam nozzle mounting kit							
Foam nozzle kit	7	2.112-013.0					Foaming agent kit. The foam nozzle is ideal for use in sanitary areas and the food industry and wherever long application times are necessary.

[■] Included in delivery.

Available accessories.

Extension hose.



















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		Order Number	Length		Price	Description	
Automatic, self-winding hose reels							
Add-on kit hose reel plastics	1	6.392-074.0	20 m			Automatic hose reel for 20 m high-pressure hose. The console is made from powder-coated steel, the drum is made from plastic.]
Add-on kit hose reel	2	6.392-083.0	20 m			Automatic hose reel for 20 m high-pressure hose. The console consists of stainless steel, the drum is made from plastic.	ן
Hose reel, automatic, 20 m, painted	3	6.392-106.0	20 m			Automatic hose reel of durable plastic. Painted steel bracket. Suitable for 20 m high-pressure hose.	J
	4	6.392-105.0	20 m]
Hose reel, automatic, 20 m, stain- less steel	5	6.392-076.0	20 m			Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.]
ABS hose reel stainless steel	6	6.392-122.0	20 m			High-grade, automatic steel hose reel. Especially suitable for use in the food industry. The material and finish provide for a corrossion-resistant, watertight capsuled sprong drive. Connection for HP hoses with nipple.]
Add-on kit hose reel TR 40m	7	6.392-442.0	40 m]
Swivel holder	8	2.639-931.0				Swivel holder for automatic hose reel wall mounting. For maximum action radius and flexibility of high-pressure hose. Rotatable 120°. Galvanised steel.]
ABS wall fastening stainless steel	9	2.641-867.0				Swivelling wall bracket made of high-grade steel (for 2.641-866). This makes maximum flexibility and convenience possible when working with the HP hose.]

[■] Included in delivery.

Available accessories.

Extension hose.





















		Order Number	Length	Diameter		Price	Description
Other HP Accessories							
Starting current limiter	1	2.637-495.0					Reduces starting current in single-phase supply and protects line fuse.
Geka coupling							
With hose nozzle, R 1/2"	2	6.388-461.0					with hose liner
With hose nozzle, R 3/4"	3	6.388-455.0					
With hose nozzle, R 1"	4	6.388-465.0					
With female thread, R 3/4"	5	6.388-473.0					with female thread
Suction filter							
Water filter	6	6.414-956.0					
Suction filter with check valve	7	4.730-012.0					Brass suction filter suitable for ponds, storage tanks, etc. With check valve.
Fine-mesh water filter							
Fine-mesh water filter with adapter	8	4.730-102.0					Fine-mesh water filter, 125 µm, max. temperature 50°C. Protects the high-pressure cleaner from dirt particles contained in the water. Water flow rate up to 1200 l/h. Connection 3/4", with adapter, 1".
Water supply hose							
Water supply hose	9	4.440-038.0	7,5 m				NW 13 R1" / R 3/4", up to 30 °C
	10	4.440-207.0	7,5 m				NW 19 R1" / R 3/4", up to 85 °C, for pick-up
Backflow check valve							
Backflow preventer	11	2.641-374.0					To prevent detergent getting into the drinking water cycle in case of inlet at low-pressure hot water resistant up to 80 °C - tested according to IEC 60335-2-79 - integrated leakage protection

[■] Included in delivery.

Available accessories.

Extension hose.









		Order Number	Flow rate		Price	Description	
Push-on washing brush							
Push-on wash brush, M 18 x 1.5	1	4.113-001.0				Push-on wash brush for universal use. Simply push on to lance. Connector: M 18 x 1.6.	
Rotating washing brush							
	2	4.113-004.0	500-800 l/h]	
	3	4.113-003.0	500-800 l/h]	J

[■] Included in delivery.

Available accessories.

Extension hose.