

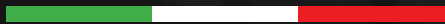


MAKE MORE

WITH US,
MAKE MORE.

QUICK COUPLERS

GUIDE 2015

 vtneurope.com

2 YEARS
GUARANTEE

LE ORIGINI.

Dal 1973 il miglioramento della qualità del lavoro e la ricerca di soluzioni all'avanguardia sono i principi ispiratori di VTN Europe Spa nella realizzazione dei propri prodotti. In oltre 40 anni di storia, l'azienda fondata da Nerio Vaccaro si è evoluta e ad oggi VTN Europe Spa si può considerare leader e punto di riferimento nel mercato europeo e mondiale.

LA MISSION.

Creare prodotti eccellenti, di qualità e innovativi attraverso la migliore tecnologia e grazie a una quarantennale esperienza.

IL MADE IN ITALY.

VTN Europe Spa fa affidamento su un solido know-how specialistico di alto livello, dal concept iniziale ai test di qualità finali. Le fasi di progettazione e di produzione arricchiscono ogni idea con dettagli funzionali e di design che rendono il prodotto utile e unico, secondo lo stile italiano che contraddistingue quest'azienda di grande tradizione.

LA QUALITÀ.

L'azienda pone una particolare attenzione alla qualità con continui controlli durante tutte le fasi di progettazione e realizzazione di ciascun'attrezzatura. Inoltre può contare su personale altamente qualificato e con pluriennale esperienza, sempre disponibile a fornire un servizio puntuale ed affidabile ai propri partners.

LA GAMMA.

Uno dei maggiori punti di forza è l'ampiezza dell'offerta di VTN Europe Spa: l'utilizzatore può contare su una gamma molto diversificata di prodotti che incontrano le sue esigenze, così che possa operare nel modo più efficiente, efficace e veloce possibile. I settori coperti dalle attrezzature VTN interessano la demolizione, il riciclaggio, la movimentazione, il campo minerario e il movimento terra.

I PARTNERS.

Affidabilità, esperienza, qualità, made in Italy e storia sono le particolarità che hanno permesso a VTN Europe Spa di vantare numerose partnership in tutto il mondo, garantendo sempre ai propri clienti un'alta professionalità e competenza.

Ecco perché, la passione e la filosofia che contraddistinguono VTN Europe Spa possono essere sintetizzate in poche e semplici parole... "WITH US, MAKE MORE."

THE ORIGINS.

Since 1973 the work-quality improvement and the research for innovative solutions are the guidelines of VTN Europe Spa, manufacturing its products. With more than 40 years of history, the company, founded by Nerio Vaccaro, has evolved and today VTN Europe SpA can be considered a leader company as well as a benchmark in the European and world market.

THE MISSION.

Create excellent products, based on quality and innovation, using the best technology and a forty-year experience.

MADE IN ITALY.

VTN Europe SpA relies on a solid high-level know-how, starting from the concept to the final quality testing. During the design and the production phases every idea is enriched with functional details that make the product useful and unique, according to the Italian style that distinguishes this great tradition.

THE QUALITY.

The company pays close attention to quality with frequent quality-checks during all the design's and manufacturing's phases of every attachment. It can also count on a highly qualified staff with many years of experience, always ready to provide an accurate and reliable service to its partners.

THE RANGE.

One of the greatest strengths of VTN Europe SpA is the wide offer it can provide: the end-user can rely on a really diversified range of products that meets his needs, so that he can work in the most efficient and effective way as fast as possible. The sectors covered by VTN equipment are the ones of the demolition & recycling, the handling, the earth-moving and the quarry & mining.

PARTNERS.

Reliability, experience, quality, Made in Italy and history are the special features that let VTN Europe SpA to have numerous partnerships all around the world, guaranteeing to its customers an high professionalism and competence.

That's why, the passion and the philosophy that are the soul of VTN Europe SpA can be recap in few simple words: "WITH US, MAKE MORE."

QUICK COUPLERS GUIDE 2015

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INTRODUCTION

VTN QUICK COUPLERS

VTN offers a wide range of quick couplers: both dedicated and universal.

They are all improved and they all respect the last EU directives.

Here you can find a chart with the main classification, following ISO safety norms.

DEDICATED

UNIVERSAL

MANUAL mechanical	AUTOMATIC hydraulic	MANUAL mechanical	AUTOMATIC hydraulic
MAXLOCK	MAXLOCK	EURO SAFE	EURO SAFE
10RM035 10RM050	10RI035 10RI050 103I065	10W040 10W045 10W050 10W055 10W060 10W065 10W070 10W080 10W090	10Z040 10Z045 10Z050 10Z055 10Z060 10Z065 10Z070 10Z080 10Z100 10Z110 10Z120
SAFE VTN	SAFE VTN		
10W075	10Z075		



MANUAL

- engagement & locking manual
- unlocking manual



AUTOMATIC

- engagement & locking from the cabin
- unlocking from the cabin



DEDICATED VTN

- quick coupling system using a specific adaptation on the attachment, compatible with the hitch



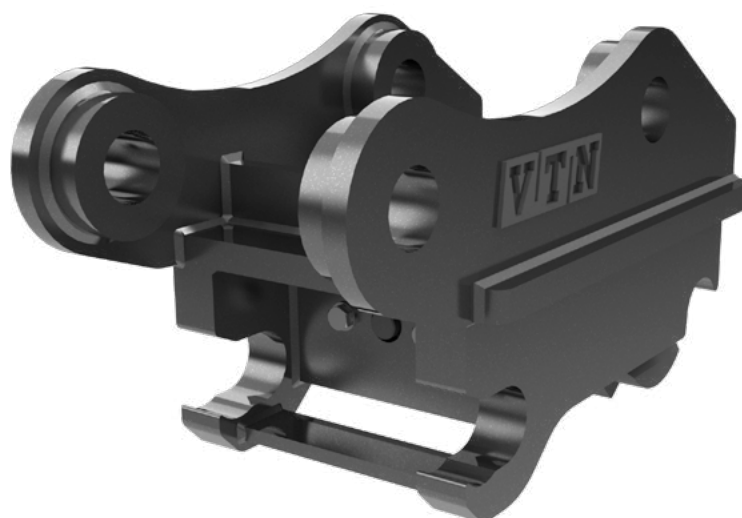
UNIVERSAL

- quick coupling system using the original excavators pins

To fit other buckets on a VTN DEDICATED quick coupler it is necessary an adapter kit.

MAX LOCK VTN

QUICK COUPLER


HARDOX
 IN MY BODY

The MAX Lock Quick Coupling System has been developed and created by VTN EUROPE in order to respond positively to the New EU norms in matter of reliability and safety for manouvring suspended loads.

MAIN FEATURES:

SAFE: It locks the bucket to the quick coupler even in case of malfunction. The locking system is visible from the operator's cabin thanks to appropriated signals.

REVERSIBLE: It can be fixed to the buckets thanks to the reversible way of coupling. This solution allows operator to work with precision nearby narrow spaces.

DEDICATED: specifically for VTN MAX LOCK Dedicated Buckets.

FAST: It allows Operators to change buckets and type of work in the fastest way thanks to its rapid and effective mechanical and hydraulic system.

HYDRAULIC AND MECHANICAL: Both the versions are available.



HYDRAULIC



MECHANICAL



ADAPTER KIT

on demand
POWERTILT

QUICK COUPLER

ADAPTER KIT

CLASS	Ton EXCAVATOR WEGHT	KG	HYDRAULIC CODE	MECHANICAL CODE	CODE	KG
V20	1,4 > 1,8	29	10RI035	10RM035	APAKAR035	14
V25	1,8 > 2,5	32				
V33	2,5 > 3,8	37				
V38	3,8 > 5,8	71	10RI050	10RM050	APAKAR050	37
V44	5,8 > 10	85				
V49	10 > 12	190	10RI065	N.A.	APAKAR065	104
V55	12 > 15	213				

FOR MAX LOCK QUICK COUPLER - DIGGING BUCKETS

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VTN EUROPE S.p.A. has developed a range of dedicated buckets specifically for Max Lock Coupling System.

MAIN FEATURES:

- Recessed pin system in order to increase digging performances
- Heavy Duty profile. Buckets are reinforced by a structure of Hardox.
- Provided with hooks to make easier and fast their transportation into the yard.

OPTIONAL AVAILABLE:

Special design. Different kind of teeth



 V20 ton 1,4 > 1,8	CODE	 mm	m ³	 N°	 KG	RL mm	P mm
	20QSCAR035	250	0,020	3	29	360	396
	20QS3AR035	300	0,026	3	32		
	20QSDAR035	350	0,031	3	35		
	20QS4AR035	400	0,036	4	39		
	20QSEAR035	450	0,042	4	42		
	20QS5AR035	500	0,047	4	45		
	20QS6AR035	600	0,058	5	51		

**V25**

ton

1,8 > 2,5

CODE	 mm	m ³	 N°	 KG	RL mm	P mm
25QSCAR035	250	0,028	3	37	453	487
25QS3AR035	300	0,035	3	41		
25QSDAR035	350	0,043	3	44		
25QS4AR035	400	0,052	4	49		
25QSEAR035	450	0,060	4	53		
25QS5AR035	500	0,068	4	56		
25QS6AR035	600	0,085	5	63		
25QS7AR035	700	0,102	5	70		

**V33**

ton

2,5 > 3,8

CODE	 mm	m ³	 N°	 KG	RL mm	P mm
33QS3AR035	300	0,044	3	55	535	561
33QSDAR035	350	0,055	3	59		
33QS4AR035	400	0,066	3	63		
33QSEAR035	450	0,077	3	67		
33QS5AR035	500	0,088	4	73		
33QS6AR035	600	0,111	4	81		
33QS7AR035	700	0,134	4	89		
33QS8AR035	800	0,156	5	101		

**V38**

ton

3,8 > 5,8

CODE	 mm	m ³	 N°	 KG	RL mm	P mm
38QS3AR050	300	0,058	3	82	595	631
38QSDAR050	350	0,071	3	89		
38QS4AR050	400	0,085	3	95		
38QSEAR050	450	0,099	3	100		
38QS5AR050	500	0,113	4	109		
38QS6AR050	600	0,141	4	117		
38QS7AR050	700	0,170	4	127		
38QS8AR050	800	0,199	5	141		
38QS9AR050	900	0,228	5	151		



V44
ton
5,8 > 10

CODE	 mm	m ³	 N°	 KG	RL mm	P mm
44QS3AR050	300	0,076	2	117	710	748
44QSDAR050	350	0,094	3	134		
44QS4AR050	400	0,112	3	142		
44QSEAR050	450	0,131	3	149		
44QS5AR050	500	0,150	3	161		
44QS6AR050	600	0,190	4	175		
44QS7AR050	700	0,230	4	189		
44QS8AR050	800	0,279	4	203		
44QS9AR050	900	0,320	5	220		
44QS1AR050	1000	0,360	5	235		

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V49
ton
10 > 12

CODE	 mm	m ³	 N°	 KG	RL mm	P mm
49QS4AR065	400	0,143	3	241	810	850
49QS5AR065	500	0,193	3	273		
49QS6AR06	600	0,244	3	291		
49QS7AR065	700	0,298	4	323		
49QS8AR065	800	0,352	4	343		
49QS9AR065	900	0,407	4	364		
49QS1AR065	1000	0,462	5	397		
49QSMAR065	1100	0,517	5	417		
49QSPNR065	1200	0,572	5	438		
49QSPAR065	1300	0,672	6	471		



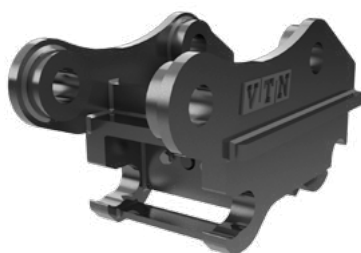
V55
ton
12 > 15

CODE	 mm	m ³	 N°	 KG	RL mm	P mm
55QS4AR065	400	0,194	3	308	980	1027
55QS5AR065	500	0,262	3	335		
55QS6AR065	600	0,352	3	377		
55QS7AR065	700	0,405	4	421		
55QS8AR065	800	0,487	4	451		
55QS9AR065	900	0,563	4	478		
55QS1AR065	1000	0,639	5	517		
55QSMAR065	1100	0,715	5	542		
55QSNAR065	1200	0,791	5	570		
55QSPAR065	1300	0,868	6	610		
55QSQAR065	1400	0,944	6	616		

FOR MAX LOCK QUICK COUPLER - DITCH CLEANING BUCKETS



7



VTN EUROPE S.p.A. has developed a range of dedicated buckets specifically for Max Lock Coupling System.

MAIN FEATURES:

- Recessed pin system in order to increase digging performances
- Heavy Duty profile. Buckets are reinforced by a structure of Hardox.
- Provided with hooks to make easier and fast their transportation into the yard.



CODE	mm	m ³	N°	KG	RL mm	P mm
20P8AR035	800	0,067	\	47	342	345
20P1AR035	1000	0,086	\	55		



CODE	mm	m ³	TEETH N°	WEIGHT KG	RL mm	P mm
25P1AR035	1000	0,110	\	67	382	384
25PNAR035	1200	0,134	\	77		



V33
ton
2,5 > 3,8

CODE	 mm	m ³	 N°	 KG	RL mm	P mm
33P1AR035	1000	0,135	\	75	429	446
33PNAR035	1200	0,165	\	88		
33PQAR035	1400	0,195	\	101		



V38
ton
3,8 > 5,8

CODE	 mm	m ³	 N°	 KG	RL mm	P mm
38PNAR050	1200	0,200	\	127	460	484
38PQAR050	1400	0,236	\	141		
38PRAR050	1500	0,254	\	150		

8



V44
ton
5,8 > 10

CODE	 mm	m ³	 N°	 KG	RL mm	P mm
44PQAR050	1400	0,303	\	172	528	563
44PRAR050	1500	0,326	\	180		
44PTAR050	1600	0,350	\	188		
44PAAR050	1800	0,397	\	205		



V49
ton
10 > 12

CODE	 mm	m ³	 N°	 KG	RL mm	P mm
49PRAR065PL	1500	0,390	\	311	576	612
49PTAR065PL	1600	0,419	\	328		
49PAAR065PL	1800	0,476	\	356		
49PBAR065PL	2000	0,533	\	385		



V55
ton
12 > 15

CODE	 mm	m ³	 N°	 KG	RL mm	P mm
55PAAR065PL	1800	0,534	\	417	622	673
55PBAR065PL	2000	0,598	\	455		
55PJAR065PL	2200	0,662	\	491		

EUROSAFE

UNIVERSAL QUICK COUPLER



HYDRAULIC



MECHANICAL



EUROSAFE Quick Coupler (Hydraulic version)

Quick coupler that fits every type of bucket and OE item, without editing requirements.

- Easy to install on excavator.
- Allow the replace of different equipment, on the excavator, in a short time.
- Completely safe, thanking the safety pin, the lock valve (hydraulic version) and the lock safety screw (mechanical version).
- Its special structure allows to recover immediately the lacks coming from the wear process during its lifetime.

- Almost every model allows to also a reversible use of the bucket.
- Convertible from mechanical to hydraulic with a special kit (apart).
- Completely safe: in compliance with the UNI 474-1 norm.

- universal: compatible with many attachment and buckets
- compact
- reversible: allows to set the bucket in reverse position
- safe: safety system to avoid unexpected unhooking
- hydraulic or mechanical version available
- wide range of pins interacts

EUROSAFE MINI HYDRAULIC version

MODEL	CODE	PINS	PINS INTERAXIAL min/max	PINS INTERAXIAL range
EURO SAFE 40 only for dipper width over 150	10W040	40	170>204 205>239 240>274 275>309 310>350	34
EURO SAFE 45 only for dipper width over 160	10W045	45	220>254 255>289 290>324 325>359 360>400	34
EURO SAFE 50	10W050	50	235>269 270>304 305>339 340>380	34
EURO SAFE 55	10W055	55	275>315	40

EUROSAFE HYDRAULIC version

MODEL	CODE	PINS	PINS INTERAXIAL min/max	PINS INTERAXIAL range
EURO SAFE 60	10Z060	60	330>380	50
			380>430	50
EURO SAFE 65	10Z065	65	355>394	39
			395>445	50
EURO SAFE 70	10Z070	70	370>429	59
			430>500	70
EURO SAFE 80	10Z080	80	400>459	59
			460>530	70
EURO SAFE 90	10Z090	90	460>514	54
			515>580	65
EURO SAFE 100	10Z100	100	500>559	59
			560>630	70
EURO SAFE 110	10Z110	110	535>600	65
EURO SAFE 120	10Z120	120	580>645	65

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EUROSAFE MINI MECHANICAL version

MODEL	CODE	PINS	PINS INTERAXIAL min/max	PINS INTERAXIAL range
EURO SAFE 40 only for dipper width over 150	10W040	40	170>204	34
			205>239	
			240>274	
			275>309	
			310>350	
EURO SAFE 45 only for dipper width over 160	10W045	45	220>254	34
			255>289	
			290>324	
			325>359	
			360>400	
EURO SAFE 50	10W050	50	235>269	34
			270>304	
			305>339	
			340>380	
EURO SAFE 55	10W055	55	275>315	40

EUROSAFE MECHANICAL version

MODEL	CODE	PINS	PINS INTERAXIAL min/max	PINS INTERAXIAL range
EURO SAFE 60	10W060	60	330>380	50
			380>430	50
EURO SAFE 65	10W065	65	355>394	39
			395>445	50
EURO SAFE 70	10W070	70	370>429	59
			430>500	70
EURO SAFE 80	10W080	80	400>459	59
			460>530	70
EURO SAFE 90	10W090	90	460>514	54
			515>580	65

VTN SAFE

QUICK COUPLER



HYDRAULIC



MECHANICAL

Compatible with
11EM...
11EI...



HARDOX®
IN MY BODY



on demand
POWERTILT

VTN SAFE
designed to fit 75 mm pins diameter attachments.
Compatible with VTN 11 EI and 11EM quick couplers.

Quick coupler that fits every type of bucket and OE item, without editing requirements.

- Easy to install on excavator.
- Allow the replace of different equipment, on the excavator, in a short time.
- Completely safe, thanks to the safety pin, the lock valve (hydraulic version) and the lock safety screw (mechanical version).
- Its special structure allows to recover immediately the lacks coming from the wear process during its lifetime.

- Almost every model allows to also a reversible use of the bucket.
- Convertible from mechanical to hydraulic with a special kit (apart).
- Completely safe: in compliance with the UNI 474-1 norm.

- universal: compatible with many attachment and buckets
- compact
- reversible: allows to set the bucket in reverse position
- safe: safety system to avoid unexpected unhooking
- hydraulic or mechanical version available
- wide range of pins interacts

QUICK COUPLER

ADAPTER KIT

CLASS	Ton EXCAVATOR WEGHT	KG	HYDRAULIC CODE	MECHANICAL CODE	CODE	KG
V55/V68	10 > 30	290	10Z075AR63	10W075AR63	APAKAR5P0	100

NOTES

VTN
EUROPE
MAKE MORE



FEEL THE QUALITY



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AUTHORIZED DEALER

VTN 2015/03

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Le caratteristiche tecniche e di prodotto sono soggette a variazioni senza preavviso. - Specifications are subject to change without notice.