

WESTRAC HOSE SOLUTIONS

Making everyday easy



Westrac





Hydraulic Hose Service

for all equipment needs

SAFE | FAST | DEPENDABLE | CLEAN

CAT

THE RIGHT HOSE TOOLING WILL KEEP YOUR MACHINE RUNNING AT PEAK PERFORMANCE

Hose failures can have a significant impact on the functionality of your machine.

A hose failure can cause:

- Equipment downtime
- Environmental damage
- Delays to projects
- Potential injuries to your team

When you've invested in the best machines, we want to help keep your fleet in top condition. This is where WesTrac's hose solutions come into play – whether it's in the workshop or at the jobsite, WesTrac have a tooling solution to suit your operation.

THE WESTRAC AND CATERPILLAR® DIFFERENCE

Caterpillar design hose assemblies to suit individual situations. At WesTrac we manufacture Cat® hoses to their top engineering standards, ensuring there's a solution for all of our customers.

Caterpillar-engineered and WesTrac-manufactured hydraulic hoses are designed to work with hydraulic systems to allow for tight tolerances and higher system pressures for unsurpassed productivity. This doesn't just apply for Cat machines. These hose assemblies can be made for all types of machines, equipment and industry applications.

WHAT IS CAT HOSE ASSEMBLY TOOLING?

- Cat Hose Saws for the cleanest and most accurate hose cuts
- Cat Hose Crimpers to assemble couplings to the exact specifications for leak free performance
- Cleaning and labelling equipment to ensure your hose is contamination free and easily identified



CAT HOSE CRIMPERS

Crimping machines are used to assemble permanent couplings to the hose. Each Cat Hose and Coupling combination requires a unique crimp dimension, which is certified through extensive laboratory testing. Utilising Cat Hose assembly tooling and data ensures that your hose meets Caterpillar factory standards and provides the safest and most reliable connection. Other benefits include:

- Grease free meaning less daily maintenance and cleaning
- Wear parts are simple and inexpensive to replace
- Cat Crimper controls for exact precision and maximum safety



	S2	M6	S6	CPC325
Crimping Capability	1" XT-6ES 1.25" XT-3ES 1.25" LMP*	1.5" XT-6ES 2" XT-3ES 3" LMP	1.5" XT-6ES 2" XT-3ES 3" LMP	2" XT-6ES 2" XT-3ES 4" LMP
Crimp Force (kN/Ton)	900 / 90	2000 / 200	2000 / 200	2800 / 280
Part numbers & power options	508-7870 (1PH 110V 60Hz 8A) 508-7870 (1PH 110V 60Hz 8A) 508-7870 (1PH 110V 60Hz 8A)	508-7865 (12V DC 150A) 508-7870 (1PH 110V 60Hz 8A) 508-7870 (1PH 110V 60Hz 8A) 508-7870 (1PH 110V 60Hz 8A)	533-1146 (1PH 230V 50Hz 26,5A) 508-7870 (1PH 110V 60Hz 8A) 508-7870 (1PH 110V 60Hz 8A)	423-4361 (3PH 230/380-420V at 50Hz/15A and 230/380-480V at 60 Hz 8,5A)
Die kit (ordered separately)	508-7873	526-5493	526-5493	526-5494
Dimensions	450x450x450mm 18x18x18in	508x432x533mm 20x17x21in	1000x600x700mm 39x24x28in	1600x610x1600mm 63X24X63in
Weight	41kg/90lbs	172kg/380lbs	261kg/575lbs	750kg/1650lbs
Target application	Portable applications, Service tech van	Mobile hose van, Low volume workshop	Professional workshop	Large mining machines, High volume production
Control	Micrometer controlled machine (manual, no computer)	Micrometer controlled machine (manual, no computer)	Crimputer controller with Cat proprietary software to ensure accurate tolerances are met on each crimp	Crimputer controller with Cat proprietary software to ensure accurate tolerances are met on each crimp

CAT HOSE SAWS

Cat Hose Saws are used to cut all hose types. The solid steel friction blade used in the Cat EM range of hose saws provides cleaner operation and reduced need for fume extraction compared to alternative abrasive wheel hose saws. Cat Hose Saws can have two configurations:

- TM G (standard): A long-lasting steel grooved blade
- TM C (optional): A specifically coated blade, that produces a precise straight cut



	EM3-E	EM3-DC	EM6-E
Part Number	516-9368 (1PH 230V 8A)	517-2531 (12V DC 200A) 517-2534 (24V DC 115A)	508-7861 (1PH 110V 50/60Hz 15A) 508-7862 (1PH 230V 50/60Hz 9,6A)
Dimensions	400x510x540mm 16x20x21in	470x567x365mm 19x22x14in	510x700x720mm 20x28x28in
Weight	20kg/44lb	29kg/64lb	45kg/99lb
Target application	Entry level	Entry level	Workshop
Best match with	S2 hose crimper	S2 hose crimper	M6 and/or S6
Cutting Capability	XT-5/XT-6 XT-3 Industry TM G blade TM C blade	1" XT-5/6ES 1.25" XT-3ES 1.25" LMP 517-2535 517-2536	1.5" XT-5/6ES 2" XT-3ES 2" LMP 517-2541 517-2542



	EM6-M	EM6-P	EM115
Part Number	517-2539 (3PH 400V 50Hz 9,5A) 516-9369 (3PH 220V 50/60Hz 15A)	517-2540 (3PH 400V 50Hz 9,5A) 516-9370 (3PH 220V 50/60Hz 15A)	444-5974 (3PH 230/380-420V 50Hz/26A and 230/380-480V 60Hz/15A)
Dimensions	700x745x430mm 28x29x17in	785x760x710mm 31x30x28in	1210x650x1650mm 48x26x65in
Weight	75kg/165lb	100kg/242lb	245kg/540lb
Target application	Workshop	Workshop	Large mining machines, High volume production
Best match with	M6 and/or S6	M6 and/or S6	CPC325
Cutting Capability	XT-5/XT-6 XT-3 Industry TM G blade TM C blade	1.5" XT-5/6ES 2" XT-3ES 3" LMP 517-2537 517-2538	2" XT-5/6ES 2" XT-3ES 3" LMP 533-1165 533-1167

ADDITIONAL CAT HOSE ASSEMBLY TOOLING

WesTrac offers a wide-range of additional tools to complement your Cat Hose assembly.

CLEAN SEAL END CAPPING



546-5746

- Ready for 24/7 operations
- CE marked, European plug only
- Accepts clean seal capsules from 20mm – 80mm (ordered separately)
- Hex sizes from 12mm – 78mm
- Best for professional workshops

546-5747

- Hand held version
- Hex sizes from 12mm – 78mm
- Includes heat gun with case, flex vacuum pump stand and 95 mm diffuser for 1.5" connection
- Starter/mobile solutions

HAND TOOLS



8T-0450

- Thread Measurement Kit
- Allows for measurement and identification of coupling
 - Includes coupling
 - Identification guide
 - Recommended for all hose assembly areas.

266-7533 / 75-1125

- Large-Bore Protractor
- 2 size options: standard (266-7533) & large (75-1125)
 - Used to set hose assembly angles

HOSE SOLUTIONS

Whatever your equipment needs, WesTrac will tailor a hydraulic hose solution to suit your operation or fleet. We've got you covered with:

- Tooling packages developed to suit all levels of business
- Complete hose assembly storage solutions
- Onsite hose containers (see below for more)
- Hose cleaning options
- Hose labelling solutions
- Hose sealing solutions
- Hose kits
- Hose testing

The WesTrac Institute also has you covered, providing qualified trainers to ensure your team are fully equipped to handle your new hosing assembly equipment.

ON-SITE HOSE SOLUTIONS

FAST, CONVENIENT AND DEPENDABLE

WesTrac's On-Site Hose Containers can help you minimise your reactive costs and maximise your machine productivity.

Each container is custom designed to suit your needs and is also:

- Designed to be placed directly at your job site
- Ideal for mine sites, large construction projects, or remote locations
- Essential where speed of service is required
- Engineered to the highest Caterpillar standards
- Fully equipped, turnkey solution, to help get your equipment back to work

BENEFITS

Here are just some of the benefits your operation will receive from an on-site hose solution.

- Fully insulated with integrated climate control. Designed to provide a comfortable work environment in temperatures ranging from -20C to 48C.
- Integrated exhaust for increased air quality.
- Australian compliant electrical and lighting systems.
- Highly durable work surfaces.
- Unmatched hardware and software solution that ensures hose assemblies are built to OEM specs.

Fully equipped and configured for your needs, talk to a WesTrac rep about our hose solutions today.



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