



QUADRA

CUTTING MACHINE

WATCH THE VIDEOS !



VIDEO TUTORIAL QUADRA

<https://www.youtube.com/watch?v=9wxQ7OJP94c>



VIDEO FIRST SETTINGS DIGITO

<https://www.youtube.com/watch?v=r00Wp9j6NnU&t=1s>




QUADRA 2.0 - 160/190

MACHINE EQUIPMENT WITH SHARPENED BLADES
MAXIMUM ATTENTION DURING USE !!!

WE RECOMMEND THE USE OF CUT PROTECTIVE GLOVES AND SLEEVES THAT MEET THE FOLLOWING STANDARD
DANGER OF CUTS

Data Sheet

	QUADRA 160	QUADRA 190
MAX ROLL HEIGHT	1560 mm	1860 mm
TRACTION ROLL	Manual	Manual
DIMENSION LxHxP	1700x300x420 mm	2000x300x420 mm
MACHINE WEIGHT	18 kg	20 kg
MACHINE WEIGHT AND PACKAGING	23 kg	25 kg
INTERNAL DIAMETER ROLL	Internal diameter 76 mm (standard international)	Internal diameter 76 mm (standard international)
MAX ROLL DIAMETER	170 mm	170 mm
TRANSVERSAL CURSOR BLADE	Circular 28mm (internal hole 5mm)	Circular 28mm (internal hole 5 mm)
LONGITUDINAL CURSOR BLADE	9mm 45° (standard)	9mm 45° (standard)
STRUCTURE	Extruded Aluminum	Extruded Aluminum
PRECISION OF TRANSVERSAL CUTTING	cm	cm
PRECISION OF LONGITUDINAL CUTTING	mm	mm
PORTABILITY	OK	OK
METERS COUNTER	Mechanical manual reset	Mechanical manual reset



OXY TOOLS - QUADRA

DESCRIPTION

Mobile machinery dedicated to the two-dimensional cutting of adhesive materials.

The presence of a metric scale for the axial dimension and of a counter-meter for radial development allows orthogonal cuts to be measured.

The metric scale offers millimeter accuracy while the meter counts the centimeter.

The structure is sized to accommodate coils of varying heights from 0 to 1560mm (Quadra160) and from 0 to 1860mm (Quadra190) with maximum diameters of 170mm (maximum measurement of 3M series DiNoc series film coils 50 m).

It is suitable for cuts of all adhesive films (vinyl, polyester and polyurethane up to 220 micron thickness).

Flanges dedicated to coil cores with internal diameter of 76mm (international standard).

Quadra performs single and multiple cutting functions with storage of cut portions, coil development measurement and inversion of winding films on the core.

It is suitable for indoor and outdoor use.

Fully manual transportable machinery without electrical or mechanized components.

COMPONENTS

- Modular structure in extruded aluminum assembled with special screw corners
- Brake bar with pivotal constraints and locking knobs.
- Counter-meters mounted on a platform able to slide in the milling of the crossbar
- Longitudinal cutting sliders made up of a body that slides in the milling of the crosspiece blocked by a screw and a through nut and a tip with a 9mm blade protection function. The same has a structural function for the tip and is secured to the two elements by tightening screws.

- Cross cutting slider composed of a body that slides in the groove of the brake bar to which a 28 mm diameter circular blade is firmly screwed.
- L-shaped furniture supports (n ° 2) fixed by screw and nut through block and sliding in the groove of the structure to which two free pulleys are fixed in the rotation
- Fixed L supports (n ° 2) bound to the structure, to which two pulleys are fixed, free in the rotation, with the function of dragging the reel.
- The dragging system provides a crank connected to a moving element which, when inclined, attaches to the coil core.
- Handle and pair of rubber wheels mounted on roller bearings make the machine

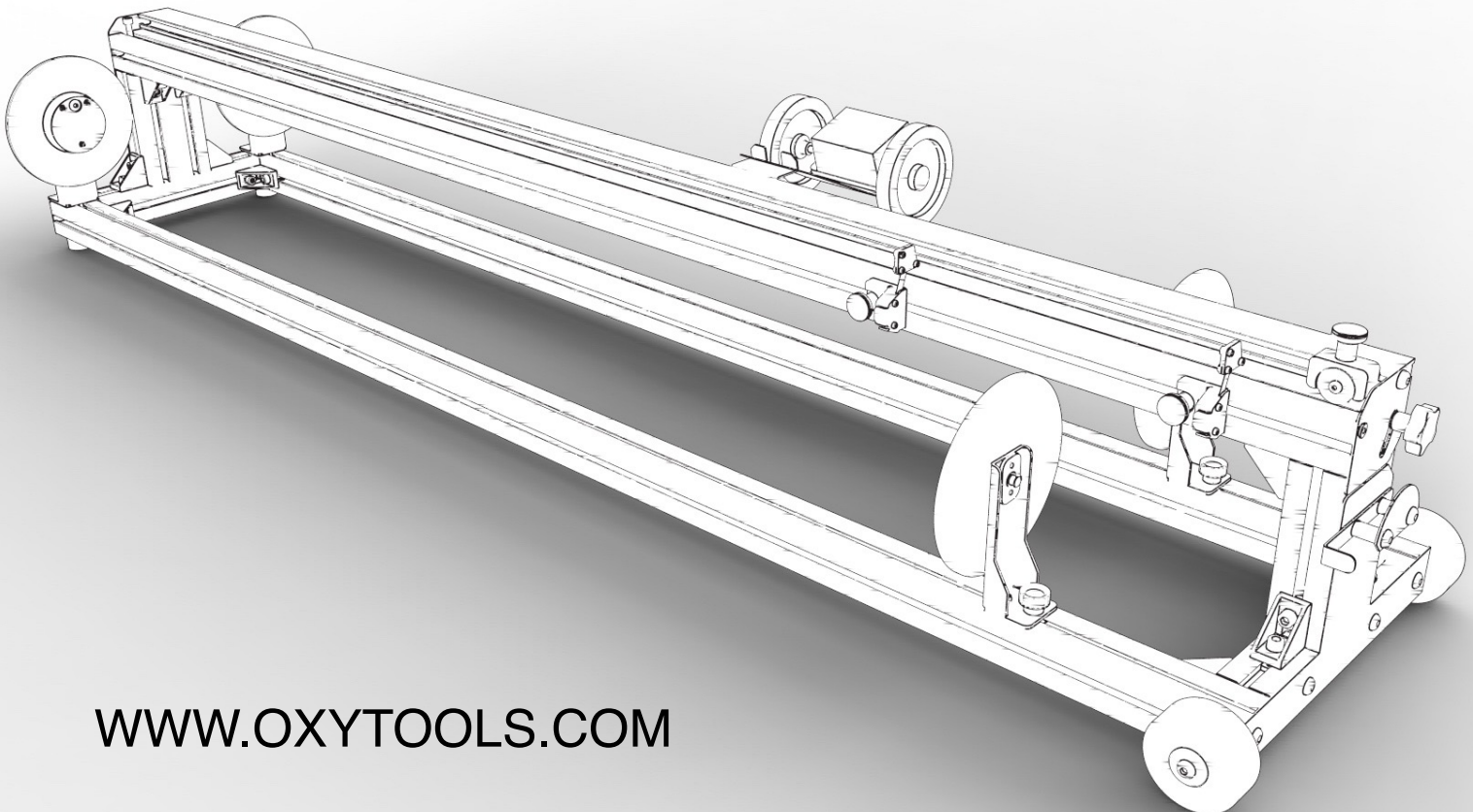
DIMENSIONS AND WEIGHTS

Length 1700/2000 mm

Width 420mm

Height 300 mm

Weight 18/20 kg ready to cut (without material to cut)





QUADRA USE SEQUENCE

- Positioning of the structure (easels, table or directly on the floor)
- Insertion of film reel to be cut, first in the fixed pulley then in the moving one.
- Insertion of the reel core destined to receive the cut material, first in the fixed drive pulley then in the moving one.
- Elevation and locking of the brake bar with the relative lateral screw knobs.
- Insertion of the film sheet between the brake bar and the sliding plane.
- Descent of the brake bar and consequent blocking the film.
- Cross cutting, to be performed with slider in the front of the brake bar with circular blade, for film header.
- Coupling meters to the corresponding slider in the rear groove of the brake bar.
- Counter-meter reset with appropriate lever.
- Zero metric scale reset with appropriate adjusting screw.
- Positioning to size of one or more cutting cursors by blocking and releasing the red screw knob (reference on a metric scale inserted in the groove of the sliding plane).
- Raised brake bar to allow the film to slide.
- Film insertion in or in cutting sliders by dragging it with the hands.

- Traction of all the portions of film up to the take-up reel by binding them to the same with paper tape.
- Rotation of the roll, in winding, through the use of the special crank to advance the material until reaching the desired size indicated by the meter.
- Once the desired size has been reached, block the film by lowering the brake bar.
- Cross cutting with relative cursor with circular blade.
- End the rotation to complete the longitudinal cut.
- Bind the cuts made with paper tape leaving them wound to the reel and write the dimensions on the tape.
- In this case continue with the other cuts obtaining a reel with all the portions to be applied already wrapped and comfortable to carry.
- Otherwise I proceed immediately to the application of the cut portions

VIDEO TUTORIAL



https://youtu.be/n43uYH_SPYc

CURSOR SUPPORT COUNTER-METERS

COUNTER-METERS

BRAKE BAR

GRADUATED BAR REGISTER

TRANSVERSAL CURSOR CUT



MOBILE PULLEY

LONGITUDINAL CURSORS CUTS



FIXED DRIVE PULLEY

BRAKE BAR KNOBS

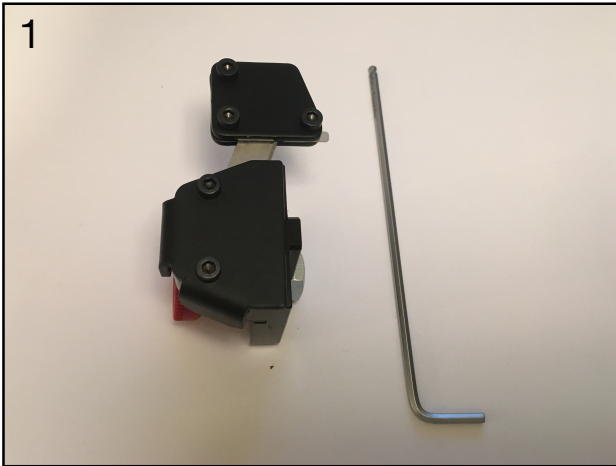
HANDLE FOR TRANSPORTATION

QUADRA 160/190

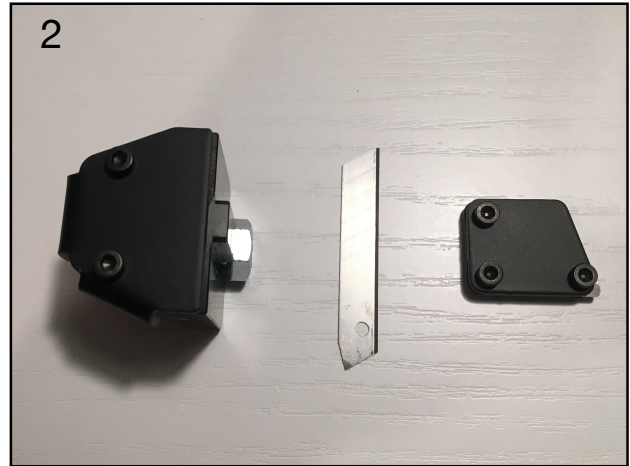




Longitudinal slider blade replacement (we recommend the use of anti-cut gloves)



1
USING A 2.5 mm ALLEN LOOSE THE 3 SCREWS FIRST AND THEN THE 2 SCREWS OF THE CURSOR BEFORE.



2
FILL THE BLADE FROM THE TOE AND FROM THE CURSOR



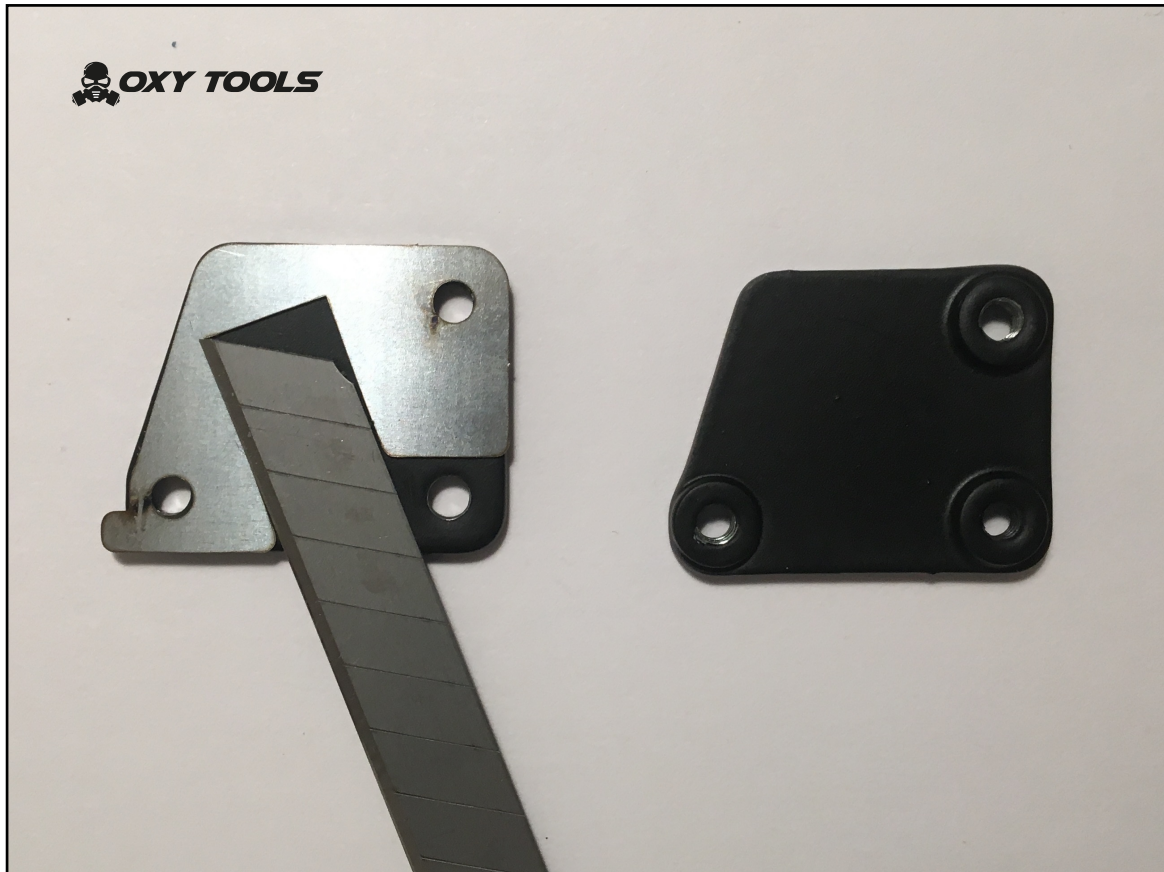
3
FROM A 9mm 45 ° BLADE REMOVE 6 SEGMENTS



4
INSERT THE NEW BLADE FIRST IN THE CURSOR (inserting it in the existing seat) WITH THE HOLE TO THE BOTTOM AND TIGHTENING THE 2 SCREWS (low clamping force)
INSERT THE TIP ON THE BLADE BY SLIDING UNTIL ITS BLOCK AND TIGHTEN THE SCREWS (low clamping force)

INTERVENTION EXECUTABLE WITH CURSOR MOUNTED ON THE MACHINE

TO BETTER UNDERSTAND THE OPERATION OBSERVE THE PHOTOS OF THE TIP AND SLIDER CURSOR





Trasversal slider blade replacement

(we recommend the use of anti-cut gloves)



INTERVENTION EXECUTABLE WITH CURSOR MOUNTED ON THE MACHINE



OXY TOOLS

QUADRA 160/190

WARRANTY

This warranty is valid for 12 months from the date of delivery of the machine (reference Delivery note - DDT).

During the warranty period OXY TOOLS undertakes to replace it free of charge, supplying them to the reference Distributor, components that show manufacturing defects.

The material replaced under warranty must be kept by the buyer and kept at the disposal of OXY TOOLS and the Distributor who made the sale.

The guarantee does not include or exclude:

- labor supply to replace defective parts
- components that by their nature are subject to rapid and continuous wear
- expenses incurred by OXY TOOLS for assistance at the customer's request
- defects or problems resulting from changes and repairs carried out by the purchaser or third parties; any repair not authorized in writing by OXY TOOLS will void the warranty.

DEALER



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DANGER OF CUTS



Stamp and signature for acknowledgment and assumption of responsibility for risks due to improper and unprotected use of the product called QUADRA branded OXY TOOLS.

Company..... Safety Manager

Address..... Post Code.....

City..... Country.....

VAT Number.....

Purchase invoice references:

Reseller

Model: Quadra 190 Quadra 160

Invoice n ° Date

You declare that you have fully understood the use of the "QUADRA" cutter and comply with all the instructions given in the attached documentation.

Company stamp

Signature Safety Manager.....