Control-X Medical’s ZooMax\textsuperscript{EQUINE} System is highly specialized to provide the perfect diagnostic imaging solution for equine health centers. Our extensive experience in the field of radiography ensures that consistent, high-resolution images will be achieved from a durable system that is safe, efficient and user-friendly.

The ZooMax\textsuperscript{EQUINE} System allows for a wide range of desired exposures from the hoof to the head of the animal. The powerful high frequency generator provides for the highest quality results even in cases of difficult lung or abdominal examinations involving high tissue densities. The dual-column, overhead tube crane and the grid cabinet can be positioned effortlessly and quietly thanks to the electromagnetic brakes, which control all longitudinal, transversal and vertical movements of the system.

The ZooMax\textsuperscript{EQUINE} X-ray System is a dual-column, overhead tube crane system consisting of:

**Generator: MS 1050HF STR**

The MS 1050HF STR is an 80kW (Rated at 125kV/600mA, 100kV/800mA, 80kV/1000mA) microprocessor controlled, three-phase, single-tube, radiographic, high frequency generator with 100 anatomical programs. Features: push button control console, high-speed starter and high-speed X-ray tube.

**Overhead Tube Support: TheZooMax\textsuperscript{EQUINE} IX075**

The basic configuration integrates a pair of longitudinal rails 440 cm (173”), and transversal bridges for the master telescope (tube) and the slave telescope (cassette holder).

Both telescopes have 180 cm (70 3/4”) vertical travel. The slave telescope automatically aligns to the manual vertical movements of the master telescope.
The **ZooMax** X-ray System is versatile and adaptable to the physical settings of most clinics. Available options include: control console pedestal base for optimal access to the generator controls; AEC (automatic exposure control) for consistent exposures; digital capability with either mobile or built-in digital flat panels; versatile software packages for a wide variety of applications. Smaller generator packages are available to meet individual customer needs. Modification of the overhead rail system can fit into smaller areas.

**Overhead Tube Support: ZooMax**

This innovative new system offers you a dual overhead tube and cassette tandem system including:

- Longitudinal rails of 440 cm (173") length. (Option: 140 cm (55") extension)
- Transversal bridge of 300 cm (118") length for the master telescope (tube) and for the slave telescope (cassette holder). (Option: bridge length of 380 cm (149 2/3"))
- Master and slave telescope with vertical travel of 180 cm (70 3/4").
- Tube head support with 32 cm (13") of horizontal travel and mechanical brakes.
- Cassette holder for cassette of 35 x 43 cm (13 3/4 x 17") maximum size - complete with fixed 10:1 grid.
- Motorized intentional vertical movement of the slave telescope.
- Automatic alignment of the slave telescope to the manual vertical movements of the master telescope.
- Both overheads have control boxes with brake releases for all crane movements and for rotational movement around horizontal and vertical axes.
- Push button for collimator lamp on switch.
- Displays FFD in vertical and lateral and angulations of horizontal and vertical directions.

**X-Ray Tube**

150 kVp, 300KHU X-ray tube, high/standard speed, 0.6/1.2 focal spots. (Alternate X-ray tubes available upon request)

**Manual Collimator: CX-MC 150**

Manual collimator with laser light, measuring tape and rotating collar.

**Single-Column Systems**

The **ZooMax** dual-column system is also available in a single ceiling tube crane option, ensuring that even smaller hospitals can acquire the latest technology in today’s imaging. Systems now using conventional X-ray films and cassettes can be upgraded with digital panels at a later time.

The dimensional drawings below show the versatility of examinations you can easily access with the **ZooMax** Systems.