



BRAND IDENTITY GUIDELINES

UPDATED: JUNE 2016

HYDRO-GEAR®
COMMERCIAL

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BRAND OVERVIEW

ABOUT THESE GUIDELINES

This guide is designed to define the Hydro-Gear Commercial brand.

The consistent use of these guidelines will bring a unified messaging and identity system to our employees and customers.

By establishing and communicating a clear and concise brand, people will associate the Hydro-Gear Commercial name with credibility and quality.

OUR BRAND POSITIONING

HYDRO-GEAR BRAND PROMISE

Deliver the most reliable products and services in the industry

Provide timely response to customer needs

Provide innovative solutions to delight the customer

HYDRO-GEAR COMMERCIAL BRAND IDEA

Breaking traditions — An unmatched combination of rugged performance and value without sacrifice.



VISUAL GUIDELINES

VISUAL CHARACTERISTICS

The Hydro-Gear Commercial design is comprised of three distinct characteristics—each reinforcing the visual mood of the commercial brand from a design perspective.

When conceiving designs for the Hydro-Gear Commercial brand, these three characteristics serve as checkpoints to balance the design layout against.

Beginning on Page 39, you will find examples of how these visual characteristics are brought to life in creative executions.

THREE VISUAL CHARACTERISTICS

BOLD

RUGGED

ORGANIZED

LOGO

The Hydro-Gear Commercial Logo is the face of our commercial products and a key element of our commercial brand identity.

Consistent use of the logo is essential to maintaining our identity and gaining instant recognition across all marketing channels and media.

In this section, we will introduce standards for the logo treatments and how they are applied in different situations.

LOGO: Primary Logo

The primary Hydro-Gear Commercial logo will appear on all communications concerning our Hydro-Gear Commercial products.

Whenever possible, use the full color version of the Hydro-Gear Commercial logo on solid color fields or on a photograph. In some cases the black frame may not be necessary and the alternative full color logo can be used.

In 2-color printing applications the 2-color logo with the black rule around commercial should be utilized.

In black and white applications, there are two options of the Hydro-Gear Commercial logo.



PRIMARY LOGO: FULL COLOR WITH BLACK FRAME



ONE COLOR LOGO: WHITE VERSION



ALTERNATIVE FULL COLOR LOGO: NO BLACK FRAME



ONE COLOR LOGO: BLACK VERSION



2-COLOR LOGO

NOTE: Preview and download Hydro-Gear Commercial logos here:
<http://hydro-gear.smartimage.com/hydro-gear-logos>

LOGO: Primary Logo Usage



SAFE AREA: The primary logo presentation is enhanced by maintaining a clear area, void of all imagery surrounding the logo. This safe area is defined as equal to the height of the grey bar surrounding the word commercial.



SCALING: The Hydro-Gear Commercial logo has black strokes, or key-lines, in the logo which are a set thickness. To retain this thickness, the logo should always be scaled proportionally. The logo should never be stretched or compressed.

TIP: When resizing the logo, in order to keep the appropriate proportions — in most applications — hold the shift key while dragging the corners of the logo.

To protect the integrity of the Hydro-Gear Commercial logo, it is essential to follow the guidelines on this page regarding safe area, minimum size, and scaling.

These guidelines ensure that the Hydro-Gear Commercial logo remains clear, legible, and consistent.

To be certain the correct logo is being used, the most recent and up-to-date files can be found here:
<http://hydro-gear.smartimage.com/hydro-gear-logos>



MINIMUM SIZE: To ensure legibility and brand consistency, the width of the typeface of the Hydro-Gear Commercial logo must never be reduced any smaller than 1.0".

LOGO: Do's and Don'ts

The following list of correct and incorrect usage does not illustrate every acceptable use or violation of the Hydro-Gear Commercial logo. Beyond these restrictions, the safest and best way to maintain our brand communications is to minimize any alterations to the logo or seek guidance from the brand manager.

DO



Use the logo as is



Place the logo on photos that don't compete with it



Use the appropriate alternative versions of the logo



Scale the logo proportionally

TIP: When resizing the logo, in order to keep the appropriate proportions — in most applications — hold the shift key while dragging the corners of the logo.

DON'T



Never adjust the proportions of the logo; don't compress or stretch



Never alter or rearrange individual parts of the logo



Never rotate the logo



Never adjust the logo's rule weight (or keylines)



Never modify the colors of the logo



Never flip the logo



Never use just portions of the logo



Never shorten the logo



Never tint or screen the logo



Never use graphic effects such as drop shadows, bevels, glows, etc.



Never change the layout/format of the logo



Never replace or re-create any part of the logo



Never recreate the logo using similar fonts

COLOR PALETTE

Hydro-Gear Commercial brand's core colors are black and yellow.

The Hydro-Gear Commercial black was chosen to signify strength & power.

The Hydro-Gear Commercial yellow is not a bright yellow but more a gold yellow. This color was chosen as a perfect contrast to the more dominate black.

Combined, these colors convey a powerful presence and highlight the tough, rugged, and durable attributes of our commercial products.

COLOR PALETTE: Primary Colors

The Hydro-Gear Commercial Black and Yellow anchor the brand.

The Hydro-Gear Commercial Black, our primary color, is simply Process Black. The Hydro-Gear Commercial Yellow is PMS 7405 and has more specific uses but still plays an important role. It is the primary color of our logo and, in design, the yellow is used to emphasize headlines, important features, and as an overall accent to our primary black.

For both primary colors, use ONLY the provided CMYK, RGB, HEX, or PMS values to maintain brand consistency and avoid confusion. Any modifications to either of these colors is prohibited.

CMYK: 0, 0, 0, 100
RGB: 0, 0, 0
HEX: 000000
PMS: Black C

HYDRO-GEAR COMMERCIAL BLACK: This is our workhorse color and, as such, functions in a foundational role for all our informational needs.

CMYK: 6, 16, 100, 0
RGB: 242, 205, 20
HEX: FFCC00
PMS: 7405 C

HYDRO-GEAR COMMERCIAL YELLOW: This yellow supports our strong black. It is found in our logo, used for headlines, on dark colored backgrounds or photos, and to draw attention to specific areas.

COLOR PALETTE: Secondary Colors

CMYK: 0, 0, 0, 0
RGB: 255, 255, 255
HEX: FFFFFF

WHITE: White is used as a supporting color on dark backgrounds or as an overall background on secondary pages for technical data. White can be used for headlines, body copy, or bullet text.

CMYK: 0, 45, 100, 0
RGB: 255, 153, 51
HEX: FF9933
PMS: 1375 C

HIGHLIGHT ORANGE: This orange serves as a secondary highlight color for content that may be relevant or important, but not primary, when our primary yellow cannot be used. This color can be used in illustrative files to support our primary yellow. Its use should never dominate the design and should always be used moderately.

CMYK: 15, 100, 90, 10
RGB: 205, 0, 51
HEX: CC0033
PMS: 200 C

VALUE RED: Red should only be used for situations of extreme value or importance—e.g., signify new products, signify product enhancements.

CMYK: 95, 0, 100, 57
RGB: 0, 102, 51
HEX: 006633
PMS: 7483 C

SUSTAINABILITY GREEN: This green is used only in instances that need to highlight a green technology. Its use is still secondary to all other colors. This color may be used in illustrative files to support our primary colors and may also be used in conjunction with our Smartec® program.

Hydro-Gear has expanded its color palette to include secondary colors to add depth and dimension to graphics creating a more engaging design.

Each secondary color relates to and complements the primary Hydro-Gear Commercial colors. All colors have a specific use and are highlighted on this page.

For all secondary colors, use ONLY the provided CMYK, RGB, HEX, or PMS values to maintain brand consistency and avoid confusion. Any modifications to any of these colors is prohibited.

COLOR PALETTE: Grays

The range of acceptable grays for Hydro-Gear Commercial compliment the rest of the brand's color palette. The use of the grays on this page should be done so in concert with the primary and secondary colors.

CMYK: 0, 0, 0, 80
RGB: 90, 90, 89
HEX: 5A5A59



80% GRAY: For dark backgrounds

CMYK: 0, 0, 0, 60
RGB: 131, 131, 132
HEX: 838384

60% GRAY: For dark backgrounds

CMYK: 0, 0, 0, 40
RGB: 168, 168, 169
HEX: A8A8A9

40% GRAY: For light backgrounds

CMYK: 0, 0, 0, 80
RGB: 210, 210, 210
HEX: D2D2D2

20% GRAY: For light backgrounds

GRADIENT: The commercial gradient utilizes 20% black to 70% black from top to bottom. The 20% black comprises the top 25% of the gradient. The 70% black comprises the remainder.

TYPOGRAPHY

Hydro-Gear Commercial brand's typography list is built around ruggedness and strength and is borrowed from our core Hydro-Gear brand logo.

The Hydro-Gear Commercial logo is comprised by modifying the font Helvetica Neue Black Italic. The modified font allows for legibility in a range of sizes.

Veneer & DINPro are the main font sets utilized in building communications for the Hydro-Gear Commercial brand.

TYPOGRAPHY: Helvetica Neue

The Helvetica Neue typeface is the font set used for the Hydro-Gear Commercial logo and commercial product names on units. This font is also utilized in company PowerPoint presentations for the commercial brand.

HELVETICA NEUE

A B C D E F G H I J K L M
N O P Q R S T U V W X Y Z
a b c d e f g h i j k l m
n o p q r s t u v w x y z
0 1 2 3 4 5 6 7 8 9

PRODUCT NAMES

ZT-3400

ZT-4400

ZT-5400

PowerTrain®

TYPOGRAPHY: Veneer

VENEER: Hydro-Gear Commercial Main Headline font

A B C D E F G H I J K L M
N O P Q R S T U V W X Y Z
0 1 2 3 4 5 6 7 8 9

The Veneer font is a set that has a hand-crafted distressed look. The look of this font accents the ruggedness of the commercial brand image. The Veneer family includes three versions: Veneer, Veneer Two, and Veneer Three which increase in the distressing. The Hydro-Gear Commercial brand utilizes the Veneer version only.

This font occurs only in upper case. Because of this and the distressed detail, it is only used in main headlines or in specific areas that require additional emphasis.

TYPOGRAPHY: DINPro

DINPro is a modern more polished version of the typeface DIN. This sans serif font lends an engineered and industrial feel to the content of the Hydro-Gear Commercial brand. Utilize this font for all large areas of content: body copy, sub-headlines, bulleted text, technical data, etc.

DINPRO CONDENSED BLACK

ABCDEFGHIJKLM
NOPQRSTUVWXYZ
abcdefghijklm
nopqrstuvwxyz
0123456789

DINPRO CONDENSED BOLD

ABCDEFGHIJKLM
NOPQRSTUVWXYZ
abcdefghijklm
nopqrstuvwxyz
0123456789

DINPRO BOLD

ABCDEFGHIJKLM
NOPQRSTUVWXYZ
abcdefghijklm
nopqrstuvwxyz
0123456789

DINPRO MEDIUM

ABCDEFGHIJKLM
NOPQRSTUVWXYZ
abcdefghijklm
nopqrstuvwxyz
0123456789

DINPRO REGULAR

ABCDEFGHIJKLM
NOPQRSTUVWXYZ
abcdefghijklm
nopqrstuvwxyz
0123456789

TYPOGRAPHY: Main Headlines

Vertical stacked alignment

ZT-4400™
EXCEPTIONAL VALUE &
RUGGED PERFORMANCE

MAIN HEADLINE

No end of sentence punctuation

Tracking: Track fonts as necessary
for readability, not less than -20.

Main headlines are set in Veneer. They should be short and to the point. The type size should shift to provide emphasis and focus. Try to minimize the amount of type size adjustments and do so at line breaks. On occasion where the layout constitutes a one-line headline, type size shifts may occur on the same line. Type may also be positioned in a stacked form next to product names. In this case, the stacked type should still maintain the above rules in regards to type size shift.

Product names in main headlines should always be set as the largest font size in the headline.

Horizontal stacked alignment

HEM™ **HIGH-EFFICIENCY**
HYDRAULIC MOTORS

TYPOGRAPHY: Sub Heads

Most all other headlines should be set in DINPro Condensed Bold or Black, all caps. Size will vary depending on content. Tracking should not be less than -20. If a heading should directly follow a main head, the subhead should be set in DINPro Condensed Black, all caps. No end of sentence punctuation should be used in subheads.

HYDRO-GEAR'S PISTON TECHNOLOGY LIFETIME EFFICIENCY

SUB HEAD SAMPLES
DINPro Condensed Bold, all caps

BREAKING TRADITION

MOTORS WERE EITHER ECONOMICAL OR HIGH PERFORMING, BUT NOT BOTH

MAIN HEADLINE WITH SUB HEAD
Main headline is set in Veneer.

Sub head is set in DINPro Condensed Black, all caps and Hydro-Gear Yellow.

TYPOGRAPHY: Body Copy

BODY COPY

Set in DINPro
Condensed Bold
sentence case

DINPro Condensed
Black used to highlight
specific features within
body copy

SUB HEAD & LIST COPY

Sub head set in DINPro
Condensed Bold

List Copy w/o bullets:
set in DINPro
Condensed Bold
sentence case

A segment of the market existed where the only choices were: upgrade to a high-pressure, higher-priced piston motor or downsize to a low-cost, low-performing gear motor.

Now you don't have to choose! The new **HEM** motor by Hydro-Gear® provides the perfect combination of performance and economics with no sacrifices.

LIFETIME EFFICIENCY

There's no comparison! After 5600 hours of operation the HEM will still have a higher efficiency than a comparable brand-new gear motor.

REDUCED NOISE

Operator comfort will increase due to the significantly lower noise level of the HEM.

LONGER DURABILITY

The HEM is put through a wide range of tests that ensure all performance measures are exceeded. This ensures a durable product that will last years.

Body copy helps communicate key product information. When setting body copy, it is essential to communicate important information clearly and efficiently. All body copy font should be set in the DINPro Family font. Depending on use, it can either be set as regular or condensed bold/black font weights.

- An industry first: A new revolutionary hydraulic design that **improves** operator **control** while **reducing vibration** and **noise**
- Designed for **high performance** commercial ZT mowers
- Our most **highly efficient** commercial drive to date

LIST COPY WITH BULLETS

Set in DINPro Regular, sentence case. DINPro bold used to highlight key points in list

GRAPHIC ELEMENTS

Graphic elements are used to draw attention to specific features, benefits, or headlines. They serve to complement typography and photography—adding depth to the layout while aiding in the construction of a clearly-defined information hierarchy.

GRAPHIC ELEMENTS: Containment Boxes & Patterns

Graphic elements can be used to draw attention to headlines and make typography more legible.



CONTAINMENT BOXES

These boxes are used to help draw attention to headlines or important information. They also help with the flow of information and should be used to help organize content.



PATTERNS

Used within containment boxes to highlight and organize information as well as background design elements.

Diamond Plate Pattern: Only utilized in the design for mobile & industrial products.

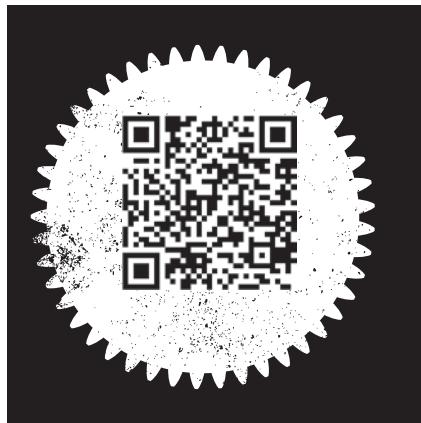
Concrete Pattern: Utilized on any Hydro-Gear Commercial branding. This pattern is placed in containment boxes as well as on photographs to lend the rugged visual characteristic of the Hydro-Gear Commercial brand.

GRAPHIC ELEMENTS: Violators

To draw attention to special features or to signify product enhancements, consider using a violator.

INFORMATIONAL VIOLATORS

Used sparingly and reserved for drawing attention to key information or expertise. Violators should work proportionally within the layout.



VALUE VIOLATOR

Use the value violator to signify "new" products or new product enhancements.



PHOTOGRAPHY

Photos help to define and bring texture to the design as well as showcase the product and it's benefits. This section shows how to shoot and select photography as well as how and when to use different product shots.

PHOTOGRAPHY: Type

There are three types of story narratives that Hydro-Gear Commercial uses in photography: Product Hero, Product in Context, and Lifestyle



PRODUCT HERO

Photograph of the product.



PRODUCT IN CONTEXT

Products are situated in context of how and where they might be used.



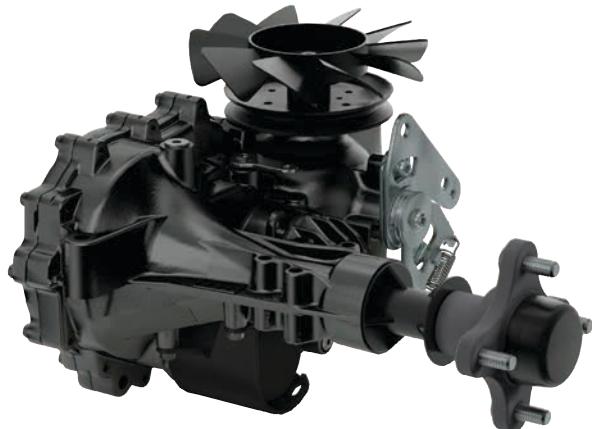
LIFESTYLE

Photography showcasing applications where a Hydro-Gear Commercial product is or might be used.

PHOTOGRAPHY: Product Hero



Product Hero photography for Hydro-Gear Commercial products showcases the product on its own. Hero shots can be utilized on “lifestyle” backgrounds; however, the lifestyle background should not compete with the Product Hero shot.



PRODUCT HERO PHOTOGRAPHY

Can be Virtual or Real

Products should be taken at an angle, never straight on.

Should be shot between a 5° and 25° angle looking down on the product.

PHOTOGRAPHY: Product in Context

Product in Context photography style brings Hydro-Gear products and applications together in a single frame to reveal how the Hydro-Gear product is utilized. The focus should still remain on the product and not the application.

PRODUCT IN CONTEXT PHOTOGRAPHY

Close-up photography of products on applications.

Application should not appear as the star, product should stand out.

Shots should be taken at varying angles to provide interest and dimension to photography.



PHOTOGRAPHY: Lifestyle



Lifestyle photography showcases applications, landscapes, or areas where a Hydro-Gear Commercial product would be utilized. The focus of this type of photograph is on the application and the photo itself may not contain a Hydro-Gear Commercial product. Lifestyle photography showcases a real-life experience.

Lifestyle photos are utilized more as background images to add depth and dimension to the design. These photos will appear shaded and have the concrete pattern applied to the image to help support the bold and rugged visual characteristics of the brand.





VOICE GUIDELINES



VOICE: Overview

Think of voice as a personality, influencing the mood, tone and tempo of a conversation. Personality is ingrained in all of us, and to remove personality from what we say would leave everything flat and uninteresting. Now consider that every personality speaks from a point of view — one that influences them profoundly. A person's point of view is their reason for being, their approach to life. Without it, the most engaging personality would be rendered superficial, unfocused, and uninteresting.

The same applies to our brand. Our brand's tone of voice is only as strong as a compelling point of view. Our brand voice is how we engage our customers in our point of view; it's how we converse with them.

VOICE: Characteristics

The success of the Hydro-Gear Commercial brand is determined by the quality of conversations we have every day: in person through customer visits, service calls, emails, phone calls, marketing, etc. When our brand communicates, what does it sound like?

The best conversations — the ones that lead to the best outcome for our customers and Hydro-Gear Commercial — happen when the Hydro-Gear Commercial side of the conversation follows the characteristics of our brand voice.

THREE VOICE CHARACTERISTICS

GENUINE

CONFIDENT

POWERFUL



VOICE: Genuine

GENUINE CAN BE:

- Consultative
- Trustworthy
- Supportive

GENUINE SHOULD NEVER BE:

- Hurried
- Presumptuous
- Superficial

Being genuine means believing what we say. We're a smart neighbor, someone people trust without question. People trust us because we care about what we're saying and who we're saying it to. We share information without being presumptuous or boastful.



VOICE: Confident

When Hydro-Gear Commercial speaks, it speaks with confidence — confidence in our products, people, and customers. We understand their needs and have the knowledge to match our customers with the right applications and products.

We are confident in our skills and abilities without being arrogant.

CONFIDENT CAN BE:

Positive
Courageous
Assured

CONFIDENT SHOULD NEVER BE:

Arrogant
Pushy
Demanding



VOICE: Powerful

POWERFUL CAN BE:

- Compelling
- Dynamic
- Energetic

POWERFUL SHOULD NEVER BE:

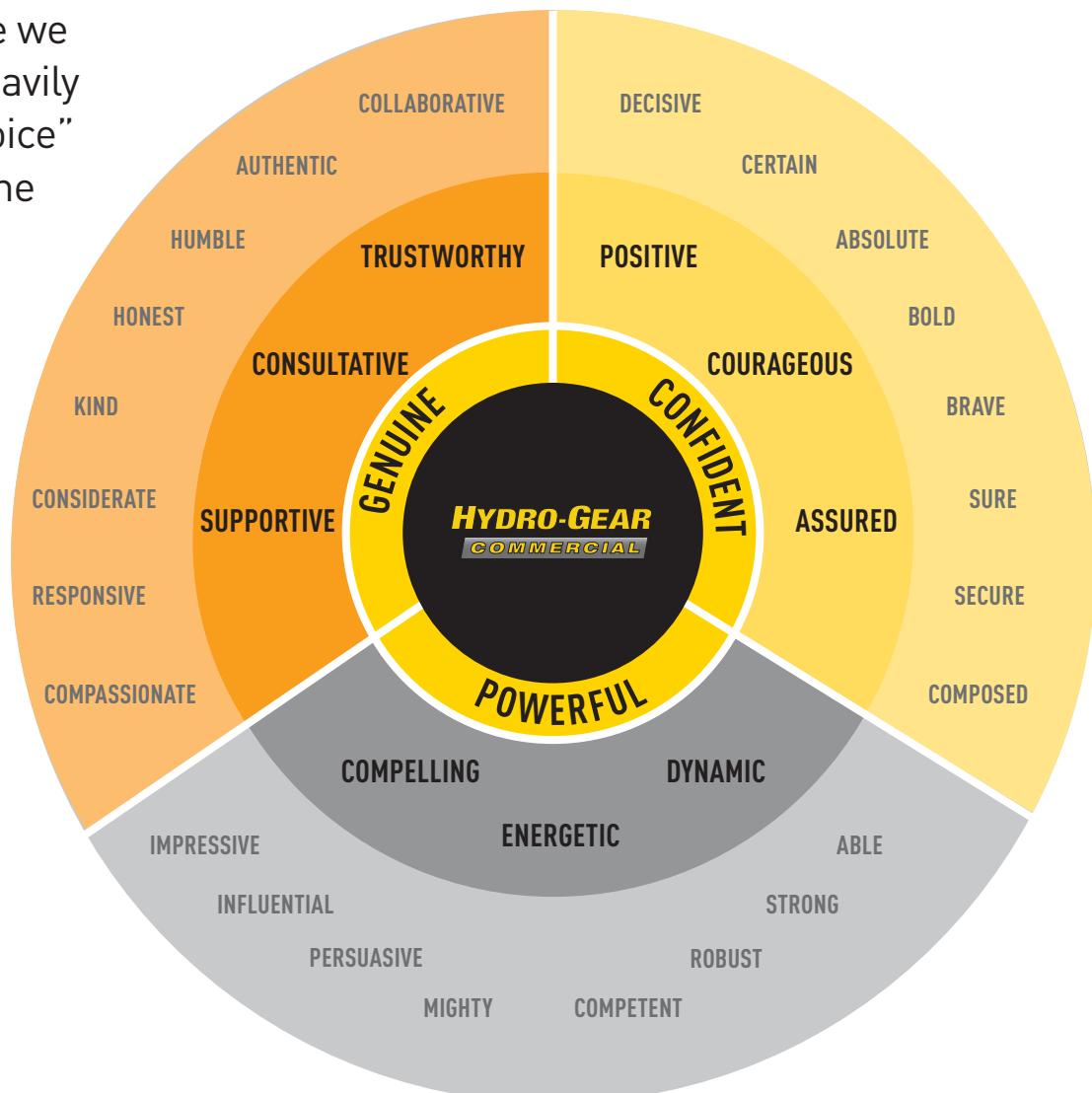
- Forceful
- Wicked
- Authoritarian

Hydro-Gear Commercial products are designed to be tough and rugged. It's this ruggedness of our products that carry over to our ability to speak with power but not be forceful. We have energy and excitement about our products and strong values, skills, and abilities that set us apart from our competition.

VOICE: On Target

Many attributes make up our voice. While we may sometimes shade the voice more heavily in one of our three traits, the more “on voice” we are depends on how close we are to the center of the target.

When we hit, you'll know, the brand
will know, and our customers will know.





SAMPLE APPLICATIONS

EXECUTIONS

Now that you've read the rules, let's take a look at how it all comes together in the finished product. The following pages provide sample executions that are meant to provide inspiration and show how all the brand elements work in the communications we create every day.

SAMPLES: Literature

PRODUCT LITERATURE: TURF

Lifestyle photography utilized as background element with concrete texture.
Hero shot placed on top of lifestyle photography and containment box.
Value violator used to focus on "new" product.
Containment boxes used in interior spread to organize specs and highlight features.



PRODUCT LITERATURE: FRONT

ZT-4400™ ENGINEERED TO LAST

- An industry first: A new revolutionary hydraulic design that improves operator control while reducing vibration and noise
- Designed for high performance commercial ZT mowers
- Our most highly efficient commercial drive to date
- Proven heavy-duty axial piston hydraulics provide long life and high starting torque

ZT-4400™ SPECS

QW VEHICLES UP TO 1800 LBS (720 KGS PER DRIVE TIRE)	DRIVE AXLE DIAMETER 1 3/8" (35 MM)
PUMP DISPLACEMENT 6.73 INCHES CUBED (100 CC REV)	4 OR 5 BOLT HUB OPTIONS
MOTOR DISPLACEMENT 1.0 INCHES CUBED (14.4 CC REV)	ATW BI-DIRECTIONAL AND UNI-DIRECTIONAL AVAILABLE WITH SPRING OPTIONS
INPUT SPEEDS	200 BAR SHOCK VALVE
MAXIMUM HI-IDLE (NO LOAD) 1500 RPM	INTERNAL WET DISC BRAKE
MINIMUM HI-IDLE (NO LOAD) 1500 RPM	WEIGHT OF UNIT 55 LBS (25 KGS)

HYDRO-GEAR'S INNOVATIVE INTEGRATED DESIGN

- 1 Axial piston pump and motor possess higher efficiency, longer service life, and rugged durability when compared to competing technologies. This is why axial piston technology is used extensively in the most demanding applications from large construction and agricultural equipment to heavy-duty industrial machines.
- 2 Today's high-demanding, heavy-duty commercial trucks utilize gear technology to maximize performance. Hydro-Gear takes this same technology and produces the most effective gear system for achieving smooth low-speed performance while maximizing available torque.
- 3 With over 10 million units produced, Hydro-Gear continues its technological leadership by providing the most compact integrated designs, with fewer leak points, and exceptional value compared to competing technologies.

EFFICIENCY

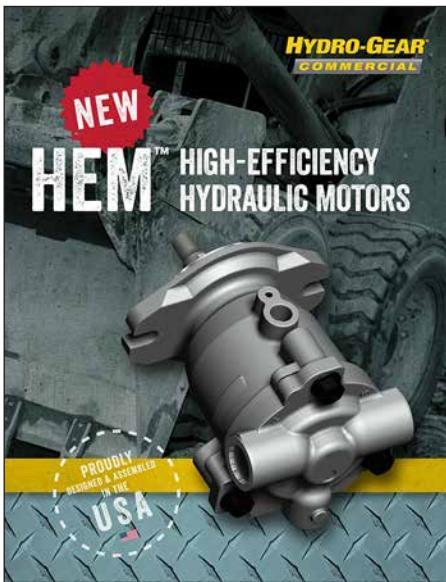
The ZT-4400 is the most efficient commercial drive we've built. Our technology allows our drive's capability to improve with usage while other competitor's drives lose up to 10% during the product's life. So if you are in for the long haul, this is the drive for you!

PRODUCT LITERATURE: INTERIOR



PRODUCT LITERATURE: BACK

SAMPLES: Literature



PRODUCT LITERATURE: FRONT

BREAKING TRADITION

MOTORS WERE EITHER ECONOMICAL OR HIGH PERFORMING, BUT NOT BOTH.

A segment of the market existed where the only choices were: upgrade to a high-pressure, higher-priced piston motor or downsize to a low-cost, low-performing gear motor.

Now you don't have to choose! The new HEM motor by Hydro-Gear® provides the perfect combination of performance and economics with no sacrifices.

THE PERFECT CHOICE FOR ANY MEDIUM-DUTY APPLICATION

APPLICATIONS

- Fan Drives
- Wheel Drives
- Reel Drives
- Conveyors
- Bow Thrusters
- Hand Tools
- Winch Drives
- Vibratory Drives
- Product Pump Drives
- Augers
- Spacers
- Swing Drives
- Rack Drives
- Saw Drives

MOTOR SPECIFICATIONS

Implementation	SAE Mounting	Shaft Style	Port Size and Location	Output Speed Range rpm	Pressure Rating psi (bar)	Weight (kg)
4x1 (177 mm, 8.97 in)	Keyed, splined, or taper	7/8" SAE Side and Manifold Mount	50-4200	3000 (207)	4.5 (2.7)	
Optional Speed Sensor Available						* Pending Applications Review

HYDRO-GEAR'S PISTON TECHNOLOGY

Hydro-Gear is one of the largest manufacturers of high-performance piston pumps and motors worldwide. Millions of turf, agriculture, industrial, and construction machines are powered by Hydro-Gear products.

The HEM uses this same piston technology to provide a more durable, efficient, and quiet motor.

MOTOR EFFICIENCIES COMPARISON

7% Increase in Efficiencies

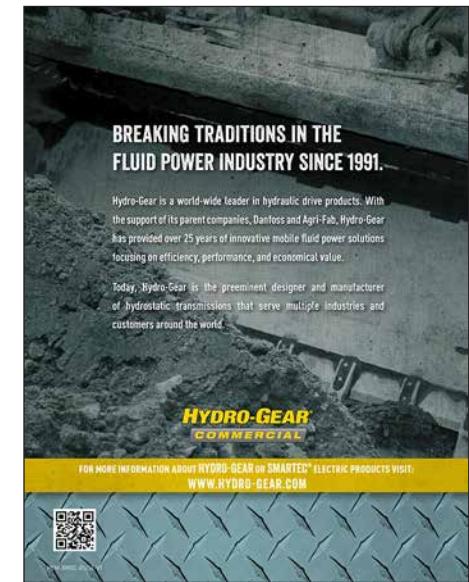
LIFETIME EFFICIENCY

REDUCED NOISE

LONGER DURABILITY

GREEN TECHNOLOGY

PRODUCT LITERATURE: INTERIOR



PRODUCT LITERATURE: BACK

SUPERIOR PERFORMANCE & SEAMLESS POWER

Hydro-Gear has successfully applied millions of piston products on turf, agriculture, and construction machines worldwide. For over 25 years, customers have come to depend on Hydro-Gear motors for applications requiring tough and rugged performance.

LONG LIFE

Hydro-Gear's HGM-H family has been designed to provide years of heavy-duty operation supported by knowledgeable application engineers.

SUPERIOR PERFORMANCE

With a large bearing capacity the HGM-H will handle your heavier loads and perform consistently.

SEAMLESS POWER

The HGM-H motors contain high-performing and durable piston drive elements that provide customers with quiet operation and smooth power output.

HGM-H SPECIFICATIONS

Geometric Displacement	14.91 in³ (246.7 cm³)	17.46 in³ (292.2 cm³)
Maximum Speed	210 rpm	185 rpm
Continuous	250 rpm	210 rpm
Intermediate*	2700 in-lb (300 Nm)	2200 in-lb (300 Nm)
Peak*	4300 in-lb (500 Nm)	3500 in-lb (500 Nm)
	6400 in-lb (750 Nm)	5700 in-lb (750 Nm)

* Intermediate operation, the recommended values may vary for test, 10% of every motor, and 10% of every gear. Intermediate torque is the torque available at 210 rpm. Peak torque is the torque available at 2700 rpm. 3500 in-lb at 121° of 15° of 100 rpm and 1000 rpm at 180°.

MOTOR FEATURES

- Dependable internal wet disc brake
- Industry standard 4 or 5 bolt mounting options
- Outstanding low-speed performance down to 2 rpm
- Painted black for premium image
- Lowest speed capability without capping

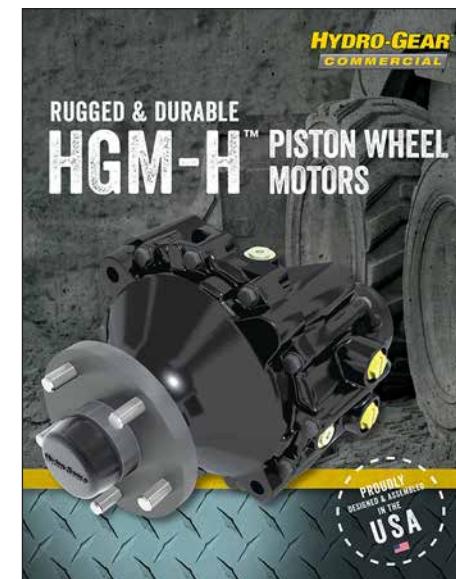
HYDRO-GEAR COMMERCIAL

FOR MORE INFORMATION ABOUT HYDRO-GEAR OR SMARTED™ ELECTRIC PRODUCTS VISIT: WWW.HYDRO-GEAR.COM

HYDRO-GEAR COMMERCIAL

FOR MORE INFORMATION ABOUT HYDRO-GEAR OR SMARTED™ ELECTRIC PRODUCTS VISIT: WWW.HYDRO-GEAR.COM

PRODUCT LITERATURE: BACK



PRODUCT LITERATURE: FRONT

SAMPLES: Displays



POP-UP BANNERS

For booth sizes up to 10' x 10'

Utilizes lifestyle photography with concrete texture.

Set includes three pop-up banner stands and one table-top which converts to carry case.

4 interchangeable banner graphics: 1 Smartec, 3 Hydro-Gear Commercial Graphics (Mobile & Industrial lifestyle photo, 2 Turf lifestyle photos-reel drive & ZT mower)

Pop up banners can be extended to full length (as shown in photo) or 2/3rds height to be used on tables.

There are two types of displays that can be used for promoting products. A table-top display for small events as well as pop-up banners for small to medium-sized events. The pop-up display has three banner stands and four graphics that can be interchanged. As well, these banner stands can be used as a single display or as a set.



TABLE TOP DISPLAY

Utilizes lifestyle photography with concrete texture.

Color photos on top are mounted with Command Strips and can be interchanged with others according to event needs.

Placed on top of a black table-cloth.

Can be used with the pop-up banner stands.

