

Power Source Technology for the Future

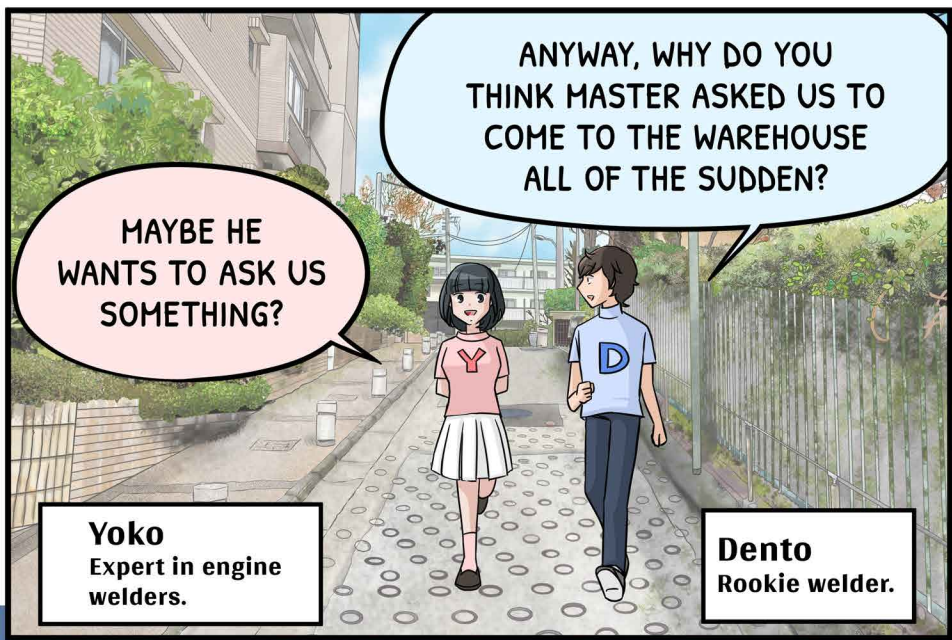
Denyo

Denyo's Engine-Driven Welder:
Selectable Options
as You Need



 **Denyo Co.,Ltd.**

<https://www.denyo.co.jp>



MAYBE HE WANTS TO ASK US SOMETHING?

ANYWAY, WHY DO YOU THINK MASTER ASKED US TO COME TO THE WAREHOUSE ALL OF THE SUDDEN?

Yoko
Expert in engine welders.

Dento
Rookie welder.



OH, THANKS FOR COMING, BOTH OF YOU! COME IN.

Legendary welder
Master Weld.



IS THERE SOMETHING WRONG? WHY DID YOU ASK US HERE...?

Oh!

Ha ha ha.

VOILA!

MASTER! WHERE DID THAT COME FROM?

After talking to Dento and welding with it a few times...

I have been completely fascinated by Denyo's engine welder.



FORTUNATELY, I HAD A 500A ENGINE WELDER THAT NEEDED REPLACING, SO I THOUGHT THIS WOULD BE THE PERFECT OPPORTUNITY TO BUY DLW-500ISW!

Wow!

oh!

HEY, THIS ONE COMES WITH A FOUR-WHEEL TROLLEY! SO COOL! THIS WOULD MAKE IT EASY TO MOVE AROUND!



ACTUALLY, IT HAS OTHER SPECIAL OPTIONS. CAN YOU TELL WHAT THEY ARE?

Hmph!

HMM... IT DOESN'T LOOK LIKE IT HAS A REMOTE CONTROL...

What is it?

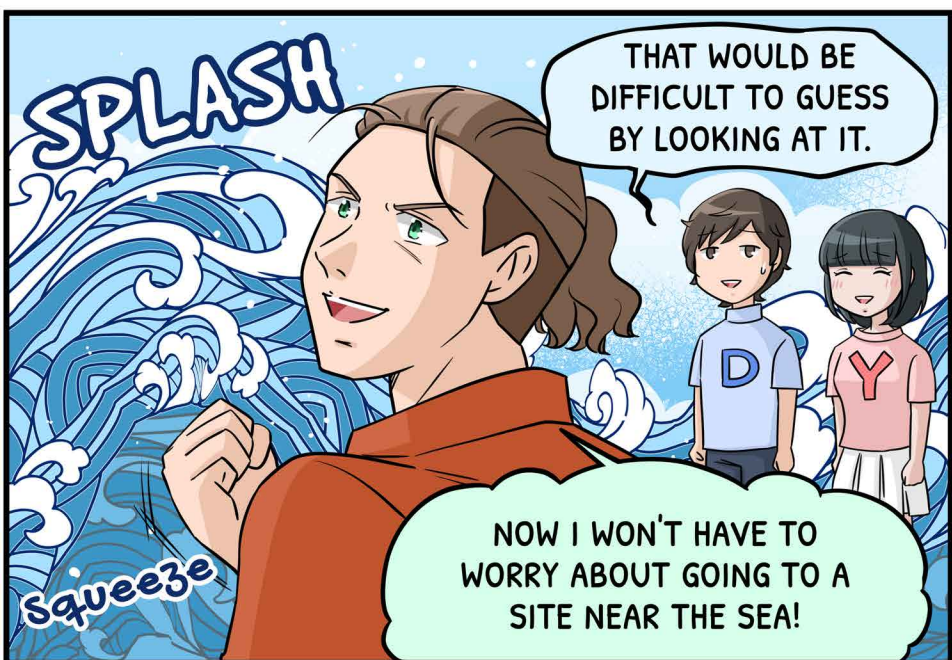
IT HAS **SALT CORROSION RESISTANT** SPECS!

IT HAS

1. ALTERNATOR WITH SALT DAMAGE PREVENTION COATING.
2. SALT RESISTANT PAINT.
3. BONNET CAULKING.
4. STAINLESS STEEL BOLT.

Hahahaha!

BOOM



THAT WOULD BE DIFFICULT TO GUESS BY LOOKING AT IT.

NOW I WON'T HAVE TO WORRY ABOUT GOING TO A SITE NEAR THE SEA!



COME TO THINK OF IT, THERE WERE A LOT OF OPTIONS.
YOKO, CAN YOU TEACH US ABOUT OTHER OPTIONS?



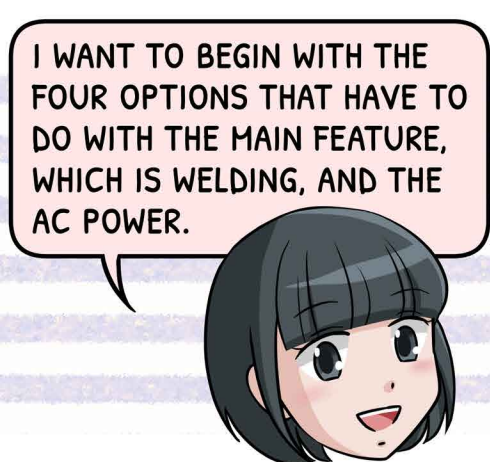
THEN ALLOW ME TO SUPPORT YOU BY EXPLAINING HOW EACH OF THE OPTIONS CAN BE USEFUL!



THE OPTIONS MIGHT BE A STANDARD **Denyo** FEATURE OR MIGHT NOT EVEN BE AVAILABLE AS AN OPTION DEPENDING ON THE MODEL, SO IF YOU ARE CURIOUS, PLEASE CHECK YOUR LOCAL DENYO DEALER!



Nod



I WANT TO BEGIN WITH THE FOUR OPTIONS THAT HAVE TO DO WITH THE MAIN FEATURE, WHICH IS WELDING, AND THE AC POWER.

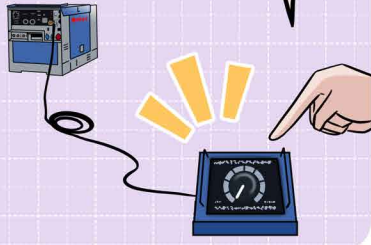
- 1. Remote control
- 2. VRD
- 3. Leakage relay (earth leakage breaker)
- 4. Outlet

① REMOTE CONTROL



YOU CAN ADJUST THE WELDING POWER WITH THE REMOTE CONTROL EVEN IF YOU ARE NOT CLOSE TO THE MACHINE.

ALSO, IF YOU USE THE EXTENSION CABLE OPTION, YOU CAN ADD 30M TO IT.



② VRD (VOLTAGE REDUCTION DEVICE)

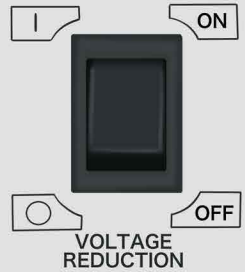


AFTER YOU FINISH WELDING (WHEN THE ARC IS CUT), THE VOLTAGE IMMEDIATELY GOES BELOW THE DIRECT CURRENT OF 25V TO PROTECT IT FROM ELECTRICAL SHOCK AS A SAFETY MEASURE.

DENYO'S ENGINE WELDER IS A DIRECT CURRENT ARC ENGINE WELDER. SO EVEN WITHOUT THIS FEATURE, YOU DON'T HAVE TO WORRY ABOUT ELECTRIC SHOCK AND CAN USE IT SAFELY.



BUT SOME SITES THAT ARE STRICT ABOUT SAFETY ISSUES, LIKE PLANT SITES, ASK FOR THESE FEATURES.



THOUGH IT IS DESIGNED FOR SAFE USE, ITS DEMERIT IS THAT WHEN THE VRD IS TURNED ON, THE ARC-START TURNS BAD.

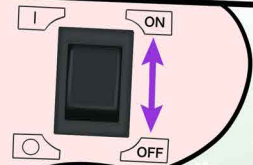
I FEEL LIKE VRD COULD BE A STANDARD FEATURE.

WHY IS IT SET AS AN OPTION?

THAT IS WHY DENYO HAS MADE THIS AN OPTION.

NOT ALL SITES NEED VRD.

ALSO, DENYO'S VRD CAN BE TURNED OFF. THIS ALLOWS THE CUSTOMER TO SWITCH IT ON OR OFF ACCORDING TO THEIR SITE.



MY WELDING FRIENDS SAID THAT ON SITES WHERE VRD IS NOT NECESSARY, THEY DON'T WANT TO ENABLE THE FEATURE.

NOW I SEE WHY! DENYO'S VRD IS USEFUL FOR PEOPLE LIKE THEM!



③ LEAKAGE RELAY

AS IT CAN BE USED AS A GENERATOR AND AN ENGINE WELDER, IT IS A SAFETY FEATURE TO PROTECT YOU FROM ELECTRICAL SHOCK BY LEAKAGE FROM THE AC SIDE.

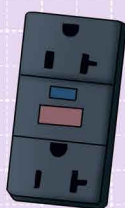


④ OUTLET

THIS IS AN OPTION BECAUSE THE OUTLET DIFFERS FROM COUNTRY TO COUNTRY.



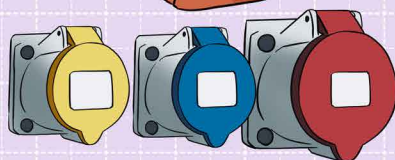
IF YOU HAVE A SPECIFIC PLUG YOU WANT, PLEASE GO TO THE DENYO DEALER NEAR YOU AND CONSULT THEM.



DLW-500ISW IS STANDARDIZED WITH THE MENNEKES PLUG!



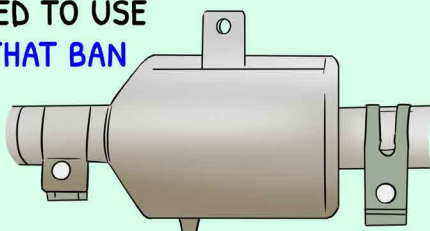
WOW, IT HAS SO MANY OPTIONS!



ALSO, THE **SPARK ARRESTER** PREVENTS SPARKS FROM THE INTERNAL-COMBUSTION ENGINE.



THIS IS NEEDED WHEN YOU NEED TO USE AN ENGINE WELDER AT SITES THAT BAN ANY SOURCE OF FIRE, LIKE OIL AND GAS PLANTS THAT DEAL WITH HIGHLY VOLATILE FUEL.



That makes sense!



NEXT, I WANT TO TALK ABOUT THE FUEL TANK CAP WITH LOCKS!



THERE'S A LOCK ON A FUEL TANK CAP?



FUEL IS EXPENSIVE AND VALUABLE.

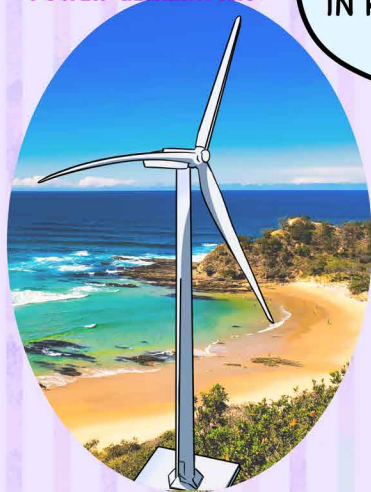
IT'S NOT RARE FOR PEOPLE TO REQUEST IT TO PREVENT THEFT.



AND THE SALT CORROSION RESISTANT SPEC WAS ALREADY EXPLAINED BY MASTER ON DLW-500ISW!

WELDING THE FOUNDATION OF WIND POWER GENERATORS

IT IS A MUST FOR PROTECTING THE PRODUCT WHEN WORKING OR KEEPING IT IN REGIONS ALONG THE SHORE COMMONLY AFFECTED BY SALT DAMAGE!



SHIPBUILDING



EXACTLY! SALT DAMAGE IS NO JOKE.

YOU CAN NEVER BE OVER PREPARED!

THIS EXPERT IS FULLY EQUIPPED WITH SALT DAMAGE PREVENTION MEASURES.



I agree!



Yup.

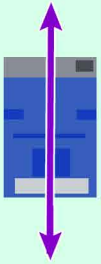
LOOKING AT THE OPTIONS MAKES YOUR NEEDS AND WHAT YOU ARE LOOKING FOR IN YOUR MACHINE CLEAR.



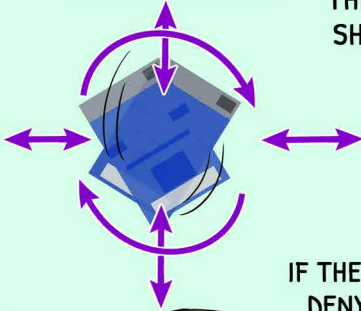
AND LASTLY, THERE IS A FOUR-WHEEL TROLLEY, FOUR-WHEEL CASTER, AND TWO-WHEEL TRAILER OPTION THAT MAKES IT EASIER TO MOVE AROUND.



Front back direction



Every direction



IF YOU HAVE A PREFERENCE IN THE DIRECTION TO MOVE, YOU SHOULD CONSULT THE DENYO DEALER!



IF THERE IS NO STRUCTURAL ISSUE, DENYO WILL DESIGN THE MOVING DIRECTION AT YOUR REQUEST.

WOW, I NEVER KNEW THAT!



YOU CAN EVEN CHANGE THE COLOR OF THE MACHINE, SOMETHING DENTO WOULD BE INTERESTED IN.



REALLY?!

Yup!



YOU CAN PAINT IT YOUR FAVORITE COLOR AND MAKE IT YOUR OWN.

My design... 

Rainbow colors are pushing it...

I CAN MAKE ONE THAT IS MY OWN DESIGN, SOMETHING UNIQUE TO ME!



I JUST HAD A THOUGHT... WHY DON'T YOU PUT ON ALL THE OPTIONS SO THAT IT COVERS ALL TYPES OF SITES...?

Hey...



YOU WOULD THINK, BUT DEPENDING ON THE FIELD CIRCUMSTANCES, THE WORKER, AND HOW IT'S USED, NOT ALL OPTIONS ARE NEEDED.



US WELDERS USE OUR ENGINE WELDER AT CIVIL ENGINEER WORKS, PLANT SITES, AND ALL TYPES OF PLACES...



DEPENDING ON THE SITE, SAFETY REASONS, WORK EFFICIENCY, AND OPERATING ENVIRONMENT, THE REQUIREMENTS FOR THE ENGINE WELDER DIFFER.

OH, I SEE! OUTLETS MIGHT BE USELESS WHEN YOU ARE GETTING THE AC POWER FROM THE ELECTRIC TERMINAL, AND CASTERS ARE UNNECESSARY FOR SITES WHERE YOU CAN MOVE AROUND BY TRUCK!

EXACTLY!

DENYO OFFERS PRODUCTS ADJUSTABLE FOR THE USER'S PURPOSE BY HAVING OPTIONS!

ALSO!

HAVING THEM AS OPTIONS, YOU CAN KEEP PRICES IN CHECK!

Heehee.

BOOM

Oh... She's copying master...



I EXPECTED NOTHING LESS FROM DENYO. THEY MAKE PRODUCTS WITH THE CONSUMER'S NEEDS IN MIND!

Denyo

H-how wonderful...

Pat

DENTO.

I WATCHED YOU WELD THE OTHER DAY...

YOU HAVE QUITE A POTENTIAL!

What?!

KEEP GOING AT IT, SO YOU CAN BECOME A WELDER THAT IS NEEDED IN SITES THAT REQUIRE THESE OPTIONS THAT WE TALKED ABOUT TODAY!

SOON ENOUGH, THERE WILL COME A TIME WHEN YOU WILL NEED AN ENGINE WELDER WITH THE OPTIONS. COME TALK TO ME WHEN THAT HAPPENS!

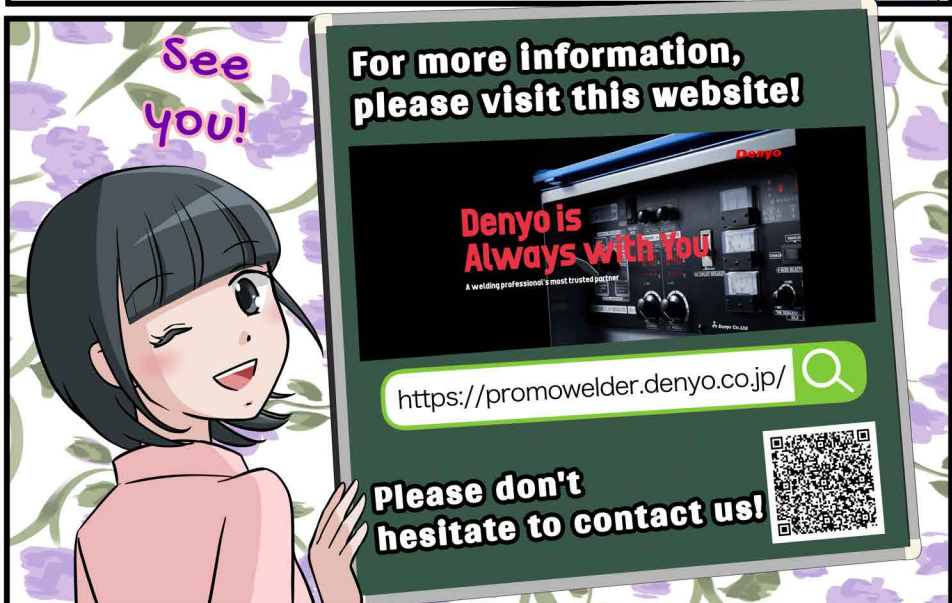
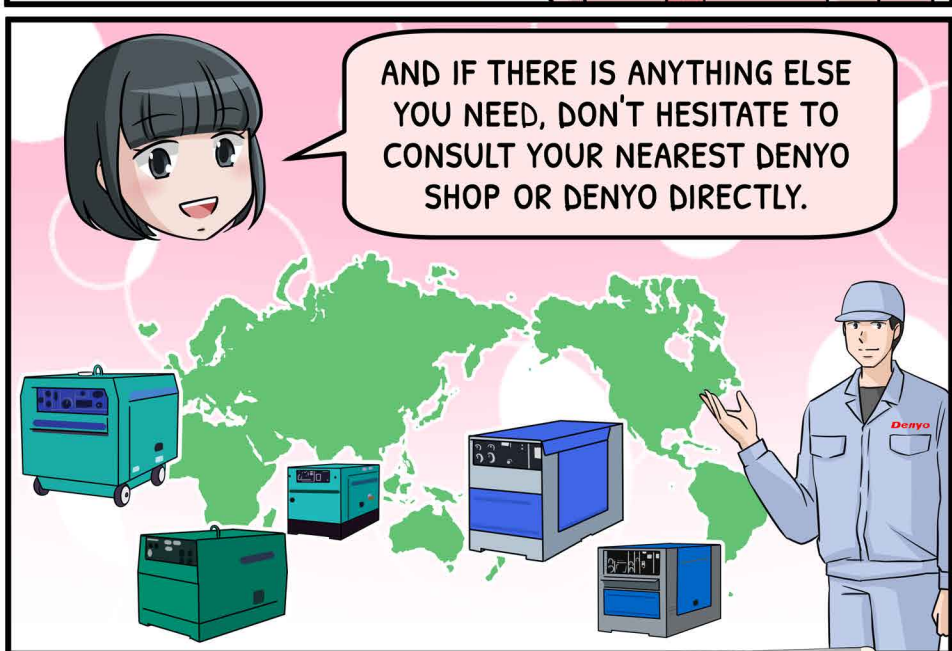
DENTO! IF THERE'S ANYTHING I CAN HELP WITH, JUST LET ME KNOW, TOO!

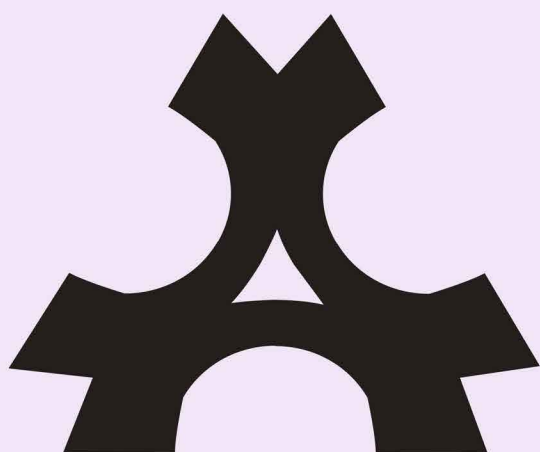
MASTER, YOKO, THANK YOU SO MUCH! I'LL WORK HARD!

So this is what he wanted to do.

DETERMINED

BOOM





This Denyo emblem expresses

“Benefits for Three Parties”

Prosper together with

“the user”, “the seller” and “the manufacturer”

through our products.

 ***Denyo Co.,Ltd.***

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